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"Capacity Development of the Ministry of Agriculture of Georgia"

**Review and Assessment of the
Ministry of Agriculture of Georgia
Information and Consultation Service
Agricultural Consultation Centres**

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Background

Policy and Strategy

The Strategy for Agricultural Development in Georgia has the overall vision to, "create an environment that will increase agricultural competitiveness, promote stable growth of agricultural production, ensure food safety and eliminate rural poverty through the sustainable development of agriculture and rural areas.

Research, Education, Training, Information and Research is one of the four main policy directions identified in the strategy. In this case it is the intention to, "create a modern and relevant infrastructure for agrarian education, research, science, information, advice and extension. An infrastructure that is able to deliver practical support to farmers and helps to develop an innovative and competitive agriculture sector. Cooperation will be strengthened with the Ministry of Education and Science, other Government institutions, donors and the private sector. New region centres will be developed to improve communication with farmers, develop priorities and provide support services. More investment will be made into vocational education and training and so improve agricultural knowledge.

Greater effort will be made to collect, process, develop and disseminate practical materials, research and information on agricultural production and marketing technologies and to develop a market information service that will provide information on prices, products and buyers. It is the intention to identify examples of good practice and to share knowledge and experience with other countries that have experience of transition to market economics and its effect on agriculture and for rural development".

The Action Plan, 2013-2015, sets out the intended measures to improve farmer knowledge and information and the delivery of effective extension service support:

Activity/measure:				
3.4 Improve farmer knowledge and information and the delivery of effective extension service support				
Suggested activity:	2013	2014	2015	After 2015
• Review and evaluate current performance of existing extension providers	X			
• Prepare feasibility and plan for development of information and extension services by Regional offices	X			
• Make the final approval on a strategy/approach	X			
• Research/identify what type of management and technical infrastructure is needed	X	X	X	X
• Organize meetings, workshops, seminars, study tours for the research/extension centre staff for the purpose of increasing managerial skills and sharing experience	X	X	X	X
• Develop effective systems for two way communications with farmers	X	X	X	X
• Support the establishment and development of an extension referral centre	X	X	X	X
• Support/implement the technical management and infrastructure development process/plan	X	X	X	X
• Review and upgrade the training and technical assistance	X	X	X	X

programme							
<ul style="list-style-type: none"> Monitor and evaluate 							
Responsible:			In cooperation with / supported by:				
Ministry of Agriculture of Georgia Ministry of Agriculture of Adjara			Donors (EU/FAO), SDC), Research Stations, Extension Centres, Private Sector, UNDP (Adjara)				
Estimated cost:		Cost distribution			Estimated cost distribution by time		
		Government:	Donor	Private	% 2013	% 2014	% 2015
15 million USD		50%	45%	5%	20%	30%	50%
Expected output:				Main Indicators:			
<ul style="list-style-type: none"> A minimum of 50 regional agri-extension offices operating with average of 5 persons per office More public/private partnerships in research and extension Improved engagement with farmers in agri-research extension planning, decision making and implementation Upgraded skills of researchers/trainers/extension personnel More commercial focus in research and extension Greater geographic coverage of agricultural research/extension Increased availability and quality of agri-extension services available to farmers Improved facilities/laboratories and equipment for research, extension and demonstration International best practices for commercial agriculture operating 				<ul style="list-style-type: none"> Numbers of effectively operating offices and contact/advisory personnel Numbers of training and extension delivery/contact days Amount of research linked to commercial enterprise Levels of uptake of research / demonstration / training results in by farmers Numbers of contact days between farmers, researchers and extension advisers A minimum of 6,000 individual small farmers getting extension services per year (EU) Levels of investments into training, extension and research Guidelines available on good commercial agricultural practices Numbers of training and extension delivery/contact days Farmer satisfaction indices Overall agri-production/marketing effectiveness indices for regions 			

EU supporting measures

The EU's ENPARD Georgia programme, a set of measures financed through a €52 million provision (including a Top-Up), addresses reforms and the implementation of the Strategy for Agriculture that the Georgian government will carry out in the next decade. This support will be coupled with technical assistance to national agencies and ministries. At the same time, the programme targets the establishment and the strengthening of small farmers which may become the backbone of the agriculture sector in the country.

The overall objective of the Capacity Development of the Ministry of Agriculture of Georgia, technical assistance provided under the ENPARD, is to improve the competitiveness of the agricultural sector in Georgia through supporting improved policy making and effective implementation of the Strategy for Agricultural Development.

The assistance to the MoA regarding the implementation of specific Strategy components related to the EU's ENPARD Programme in Georgia, focuses on four specific technical assistance components of the Strategy for Agricultural Development will be provided:

- i. Strengthening Farmer Cooperation

- ii. Capacity Building to Improve Agricultural Extension Services
- iii. Strengthening Institutions for Agricultural Information
- iv. Providing On-Demand Technical Assistance to the MoA

The support related to '**Capacity Building to Improve Agricultural Extension Services**' is focused on defining the methodologies, learning systems and the content of extension services delivery including, *inter alia*, agriculture related training, awareness of new technologies, farm business management, outreach extension approaches, boosting innovations, demonstration plots, soil, analysis, animal health, plant protection and food safety related training as well as capacity development on environment/natural resource management and gender issues.

Related outcomes and indicators are defined within the ENPARD Budget Support Programme. Conditions, which benchmark a developing system, and set out the specific conditions for budget support funds release (on an *ex post* basis). The conditions specific to the Information and Consultation Service are scheduled in the annex to the ENPARD Budget Support Financing Agreement as:

ENPARD BSP Specific Conditions, Extension Services	Verifiable Indicator
(2.1) At least 30 district-level MoA centres to provide consultation and advice to small farmers, are officially established and staffed Timeline: by April 2014 (Status Completed)	<ul style="list-style-type: none"> • MoA decree establishing the centres • Lists of the staff working in the centres • External Review mission
(2.2) At least 30 district-level MoA centres already providing consultation and advice to small farmers, based on international standards and proven models ¹ Timeline by April 2015	<ul style="list-style-type: none"> • Records by centres • Reports by MoA • External Review mission
(3.4) Extension / information packages are developed for dissemination through the Agriculture Information and Consultation Centres Timeline by April 2016	<ul style="list-style-type: none"> • Availability at Information and Consultation Centres • External review mission

Adjara

A separate provision of €3 million within the ENPARD Programme² provides for support to agriculture in the autonomous Region of Adjara, in joint management with the UNDP. The Agro Service Centre Strategic Development Plan, 2014-2018, includes the vision for, "*Agro Service Centre activities be designed to provide effective and efficient benefit to the entire farming community and to the agro business sector of Ajara, where currently private sector service providers are not yet well established and operational. It is not excluded that some of the services provided currently by ASC might be taken over by private sector providers in the future*".

The current Sector Strategy is coming to an end. The succeeding strategy may go beyond agriculture and include rural development: (1) non-agriculture economic activities in rural areas, and; (2) improving the environment and the countryside³.

¹ FAO: 'Improving Agricultural extension- a reference manual' www.fao.org/docrep/W5830E/W5830E00.htm

² Which including a Euro 12 m Top-Up, totals Euro 52 million, of which Euro 24.5 million is for budget support

³ http://ec.europa.eu/agriculture/rurdev/index_en.htm

Review and evaluate current performance of existing extension providers

This review principally considers the activities of the MoA Information and Consultation Service (ICS) and the regional Information and Consultation Centres (ICCs). There are 59 ICCs in total, including 6 in Adjara, (Annex 4).

The review also takes into consideration other actions, including those of the Scientific Research Centre, USAID and the Government of the Netherlands (Annexes 1,2,3, 17, 18).

The review also considers the measures and support actions that will need to be taken to support the expected developments in the period up to 2016, and benchmarked by the specific conditions (2.2 and 3.4).

Review of the Ministry of Agriculture of Georgia “Information and Consultation Service” offices.

Review of Operations of the Information and Consultation Service

The creation of Information and Consultation Service offices was a part of the Strategy of the Georgian Government, formed after the 2012 elections⁴,

*The Government envisages a minimum of 50 regional extension offices operating with an average of 6 persons per office and funded through the Government budget. Extension advisers in these regional offices will be selected according to their technical competence, communication skills and will be fully trained in their role and responsibilities. The services provided through these offices will depend, to a large extent, on the strategic review but will include specifically defined support through workshops, demonstrations, information, seminars and on farm technical support and in order to effectively implement the Strategy for Agriculture and associated measures.*⁵

The formal establishment of the Information and Consultation Service offices was taken through Decree No2-63 by the then Minister of Agriculture of Georgia, Mr. David Kirvalidze, 28 February 2013 (see annex 1).

There are in all 59 Information and Consultation Service centres. Of these 53 district ICC offices, in nine regions, are subordinated to the Department for Agriculture and Food of the Ministry of Agriculture of Georgia, and 6 located in the Autonomous Republic of Adjara, under the Ministry of Agriculture of Adjara. The numbers of staff in the district offices varies between 4-6 persons - the total staff numbers at the time of the review was approximately 260, which will increase due to some current vacancies (see annexes 2,3 & 4).

Overall progress in the development of the ICS service in Georgia was noted during the EaP ENPARD Conference, January 2014 in Chisinau, during the opening speech given by Štefan Füle, the European Commissioner for Enlargement and Neighbourhood Policy⁶, where it was noted that there was, "a network of 54 agricultural strategy information and consultation centres where 250 professionals offer high-quality advice to farmers".

Review visits

Following a representative selection of “Information and Consultation Service” offices, based upon geographical location, type of predominant agricultural production and population, the following offices were selected for review visits (excluding Adjara):

- i. Mtskheta, Mtskheta Mtianeti region (Annex 5, Visit report)
- ii. Gurjaani, Kakheti region (Annex 6, Visit report)
- iii. Gori, Shida Kartli region (Annex 7, Visit report)
- iv. Kharagauli, Imereti region (Annex 8, Visit report)
- v. Zugdidi, Samegrelo-Zemo region (Annex 9, Visit report)
- vi. Tsalenjika, Samegrelo-Zemo region (Annex 10, Visit report)
- vii. Akhalsikhe, Samtskhe-Javakheti region (Annex 11, Visit report)

⁴ A revised strategy and action plan was introduced in May 2014, by the government elected in 2013
<http://moa.gov.ge/index.php?menuid=17&lang=2&id=134#.U2tc9fmSx2E>

⁵ Strategy for Agricultural Development in Georgia, Ministry of Agriculture of Georgia, December 2012

⁶ http://europa.eu/rapid/press-release_SPEECH-14-54_en.htm

Information and Consultation Service (ICS) offices set up and staffing

All the ICS offices (Information and Consultation Centres, or ICCs) were set up in at the beginning of 2013 according to the Ministerial Decree №2-63 and the associated regulation. The recruitment of staff was divided into the following steps:

- i) The Ministry of Agriculture (MoA) announced an application phase for all the 4-6 staff positions (depending on the size of the municipality / district);
- ii) A general agricultural knowledge test for the selected group of applicants, based upon both theoretical and practical agricultural experience, and;
- iii) Interviews of a number of persons per ICS office by MoA staff.

For each ICS office a provisional team profile was outlined, which depending on the qualifications of the applicants could be modified so as to get the best team composition. Most of the selected team members have been working from start-up and staff turnover in the offices seems to be low. The ICS offices are led by a “Consultancy Head” – appointed and dismissed by the Minister of Agriculture (as set out in the regulation to the order, Annex 1).

All the visited ICS offices were reasonably well equipped with enough working places and a functioning internet service. The physical location of the ICS offices differs from district to district – some are provided by the local municipalities and some office buildings are shared with the Georgian National Food Agency.

The ICS teams have access to one (which display the MoA logo) 4xwheel drive vehicle per office - which normally is insufficient to undertake all expected tasks. Accordingly private cars/fuels for fuel have to be provided from time to time.

The operational budget for operations is held at central level. All decisions are made by the MoA, and the Department for Food and Agriculture and communicated to ICS offices. The budget provisions mainly cover staff salaries, internet costs and office supplies (received on request). There are no specific funds for development of extension materials or training activities. The ICS teams have also no other sources of incomes - as they are not allowed to “sell services” - but an “exchange of human resources” exists normally with local authorities.

The ICS offices do not have any mechanism that allows them to provide payable services, to enter into any contract with third parties, or to have extra-budgetary funding. Extra-budgetary support can only be provided indirectly, in-kind, through the resources of donor projects. There are no state budget provisions with any direct or indirect relation to ENPARD budget support funding. The management structure is strictly hierarchical with all decisions and allocations made at central level.

The indicated future use of the ICS for services that may include: seed certification; business plan preparation, review and support to agricultural cooperative entities; animal genetic improvement; provision of information services to small farmers and farmer groups, will require that the regulation of the ICS be developed to provide for the elaboration of methodologies, procedures and provision for chargeable services (standard tariffs for chargeable services), if the ICS is to extend beyond current capacities and service profiles.

ICS tasks and services

As previously mentioned the ICS offices today provide for the “Regional Representation” of the Ministry of Agriculture and function as the MoA's information and dissemination tool. Noted actions of the ICS include:

Dissemination of information: campaign, as set out by the Agricultural Cooperative Development Agency Awareness Raising Action Plan, which includes, 'The MoA / ACDA capacity to carry out awareness of farmers, local government, business sector about agriculture cooperatives is strengthened', which resulted in:

- ICS office awareness raising activities in 9 regions of Georgia (excluding Adjara), in 54 municipalities, 1,369 villages, involving 26,786 participants (Annex 19)

One of the main tasks initiated from 2013, is the collection of basic statistics in a number of areas including:

- Registering of farms in the district with data on: owner, amount of land, areas of permanent and annual crops, livestock, pigs, poultry, production facilities etc (see annex 12).
- Agricultural production forecasts and price monitoring at the local markets (see annex 13).

For the MoA support programme for small farmers, launched in 2013 (administered by APMA), the following data is essential:

- Small farmer households that are eligible or ineligible for support measures, MoA input supply cards for 2013/2014
- Identifying ploughed / un ploughed areas for MoA “free of charge ploughing campaign” for small holders 2013/2014
- Access to machinery services for farming households in the districts

The method of data collection, according to the ICS feedback, is that data is collected by the staff of the local authorities in the villages within the municipalities by “knocking-on-doors” - by interview. The collected figures are normally monitored by ICS staff by visits to, or interviews with, larger producers with more than 5 hectares of agricultural land. Follow-up of the data from small farms - provided by the local village authorities - is done randomly. The data collection system does not seem to be carried out under any common methodological method.

The data is compiled by individual ICS offices and sent to the MoA during the last week of each month. Data is held in the form of excel worksheets. No general feedback from, or dissemination by, the MoA of the collected data is received back by the individual ICCs, but they can request specific information from other regions. The ICS staff also share data to interested agricultural producers. This includes analyses based on the data and information collected through the ICS network - however no attempt at analysis is made on a local / district level.

All information is transmitted, held and analysed at central level. Specific analyses are, apparently, made on an ad-hoc basis where there is a call by the MoA management or from government offices.

Information and Consultation activities

According to Article 2 in the Ministerial Decree No: 2-63 (see annex 1) the ICS offices - besides all the data collection tasks, must perform a number of information and consultation tasks including:

- Inform about Ministry policy and programmes
- Inform interested stakeholders about legal and tax liabilities
- Inform about modern agricultural crop technologies
- Consult about harvest technologies and post harvest storage
- Consult stakeholders on the rational use of pastures

Several of the visited ICS teams stressed that the initiated data collection takes most of their working hours, having a negative impact on their capabilities to carry out information and consultation

activities. The data collection for the farm register is now more or less complete at district levels and would open up the opportunity for more public activities.

One of the recent ICS information campaigns is the national launch of the cooperative movement - all the visited ICS offices had appointed one person responsible for cooperative awareness raising and arrangement of information meetings in the district villages. The meetings are arranged in co-operation with the local village authorities and cover in general both juridical aspects and more soft issues. The "Charter of Agricultural Cooperatives" and other material from previous donor projects with cooperation themes are sometimes used but also persons with experience from existing co-operatives (or in progress) are invited.

A limiting factor for the ICS offices is, as previously mentioned, the lack of budget funds for the development of extension materials and means to provide transport when arranging demonstration activities in field etc. Due to this situation the ICS offices have often to rely on ongoing agricultural donor projects in the district or region for the more specific extension dissemination - an indirect form of extra-budgetary income.

Despite the above constraints many ICS teams arrange "on farm training activities" in for instance orchard tree grafting and pruning, drip irrigation techniques, green house production, introduction of new cultures etc., by using the facilities and experiences of nearby and successful agricultural producers.

Other sources of information and experience exchange are scientific/academic institutions and for some of the ICS teams previously established Farm Service Centres in the districts (see annex 14 & 15).

As the Swedish saying goes, "If you lack bread you have to eat a loaf" - most of the visited ICS offices are quite innovative and use freely available social media services such as Facebook, and to some extent Email⁷ (group messages), as part of an ICT mechanism for extension communications.

The ICS offices provide the Agriculture and Food Department of the MoA with a monthly report, including data updates, analysis, information on consultations and training provided, infra-structure problems and development proposals (see annex 16).

ICS constraints and development perspectives

A substantial share of the ICS offices staff have high academic agricultural education but lack experience in modern extension techniques. The recently arranged extension methodology training for the ICS staff, provided by the USAID "Strengthening Extension and Advisory Services", (SEAS), project was appreciated and will also be followed up with more production oriented workshops etc. (see annex17).

Some ICS offices highlighted the need of access to, and close cooperation with, national institutions for applied scientific research as well as local centres for demonstration and trial purposes.

There is no specific strategy for the development of the ICS, other than the Adjara Agro Service Centre Strategic Development Plan 2014-2018, which is being supported by TA from the ENPARD

⁷ 108 mobile cellular subscriptions per 100 head of population (World Bank).

In Georgia there are 2,079,917 registered internet users, a 45.5% penetration, placing Georgia at 95 of 211 in the World league of numbers of internet users by country

sub-component, implemented by the UNDP. This is a 3-year programme, starting from May 2013 with a value of € 3.3 million, with the objectives to:

- (a) to increase returns to farming in Adjara, and;
- (b) to strengthen the capability of the Ministry of Agriculture of the Autonomous Republic of Adjara in policy analysis.

Specific actions

1. increasing and improving services to small farmers; such as access to mechanisation, seedlings, and trainings;
2. development of business oriented small farmers’ groups, cooperatives associations and other forms of profit-based collaborative actions between farmers, and;
3. institutional development of the Ministry of Agriculture of the Autonomous Republic of Adjara.

Progress Benchmarking

In terms of the expected progress, as set out in the ENPARD Budget Support Programme (Technical and Administrative Provisions), regarding ICS development, extension services should be available in all districts of Georgia, providing specific information and support services to small farmers, and farmer groups, the process to be benchmarked over the 3-year ENPARD period, benchmarked by:

Development Benchmarking in the ENPARD Financing Agreement (Annex 2, Table 4)	April 2014	At least 30 district-level MoA centres to provide consultation and advice to small farmers, are officially established and staffed
	April 2015	At least 30 district-level MoA centres already providing consultation and advice to small farmers, based on international standards and proven models
	April 2016	Extension / information packages are developed for dissemination through the Agriculture Information and Consultation Centres System and procedures for agricultural statistics collection on a district level providing input into agricultural policy development and monitoring

The situation as of April 2014 is that more than 30 district-level MoA centres have been set up to provide consultation and advice to small farmers - in the context of such outreach activities as cooperative awareness raising and information collection, all funded through the state budget.

These ICCs are officially established and staffed, evidenced by an MoA Decree and regulation, providing for the establishment of the service.

The next benchmark, 2015, showing the ICS are actively providing consultation and advice to small farmers, based on international standards and proven models, will require actions to develop the mechanisms and means to deliver extension and advisory services.

The steps to support in particular conditions 2.2 and 3.4 of the ENPARD, during 2014 - 2015, to be provided by technical assistance from the EU-FAO, Capacity Development of the Ministry of Agriculture of Georgia, will include (Annex 20):

Approach to extension services:

- The alternatives and model for extension service provision in Georgia, based on Agricultural innovation System (AIS) model⁸;
- The means of engagement with small farmers to provide for sustainable extension services.

Extension service provision

- Development of the system and methodology for crop forecasting; market price information and gross margin analysis;
- Development of an Extension Manual and identification of extension information packages;
- Assessment and sector survey to be carried out by the MoA ICCs.

Preparation of a Strategy for Agricultural Extension Services including:

- Organisation and management, including functional linkages with AIS players;
- Services to be provided;
- Information packages;
- Financing (budget framework).

Presentation of a National Strategy for Extension Services

The Scientific Research Centre

The Legal Entity of Public Law (LEPL), the Scientific Research Centre for Agricultural Development the Centre, was created by the Decree of the Government of Georgia # 162 on February 13, 2014. Subsequently, by the order the Minister of Agriculture of Georgia dated by February 25, 2014, the Charter of the Centre was approved. Organisationally, the Scientific Research Centre for Agricultural Development is subordinated to the Ministry of Agriculture (Annex 18). The Centre has its own budget line.

The Centre's mission is to promote agricultural development and food production, research and introduce new technologies and extension programs for the wide farming community of Georgia. The Centre's activities are also focused on services related to risk assessment in food safety, veterinary, and plant protection services.

The resources of the Centre are focused on: the promotion of bio-farms and bio-diversity, and the preservation of native plant varieties and animal breeds; to reach out to the broad farming community and collaborate with local and foreign educational institutions; to promote the development of agriculture and to provide a wide range of services in plant and animal husbandry, as well as full package of laboratory services at the individual farmer level.

Currently the Centre's facilities are located at:

- 1) National Centre for Grapevine and Fruit Tree Planting Material Propagation, Village Jighaura, Mtskheta District, Mtskheta-Mtianeti Region. A well developed facility, with training facilities, laboratory, handling and storage facilities. The National Centre is based on 80Ha of

⁸ Agricultural research, extension, education, and training are key components of an AIS, where issues include: Farmer innovations; Farmer organizations; Access to market; Research and extension; . Risk associated with innovation; Women farmers; Youth; ICTs; Innovation brokers

land, intensively managed and focused on rootstock production (440 varieties of vine and other fruits)

- 2) Research and Trials Facility, Village Tsilkani, Mtskheta District, Mtskheta-Mtianeti Region (stated as being mainly for elite potato seed production)
- 3) Demonstration plots for potato production in Akhalkalaki, Samtskhe Javakheti Region

The Centre is currently responsible for checking the quality of seed and planting materials and certification (Paragraph 3. Function of the Centres, Item Z). The Centre has a department of certification and standards of seed and planting materials, its main functions being:

- Elaboration of the control mechanism of seed/planting material standards
- Elaboration of the phytosanitary control mechanism for seed/planting materials
- Research on seed/planting materials quality in accordance with international standards
- Research of international systems of seed/planting material certification requirements and the elaboration of proposals suited to Georgian conditions.

The Centre also has research departments, dealing with: the trial of new varieties, selection and recommendation; elaboration of modern technologies of production seed/seedling materials; perennial crops, and the introduction of intensive technologies of production of grafting and planting materials, support to production of certified planting materials; introduction, selection and trial of new varieties, improvement of quality and productivity.

As yet there are no facilities for the Scientific Research Centre within the MoA in Tbilisi, though it is expected that there will be provision in a new block currently under construction. The Director of the Centre, Levan Ujmajuridze, has set out a vision of the system of extension and advisory services coming under the Centre.

This is not reflected in any particular strategic direction of the MoA, where in fact, there is no particular strategic direction for provision of extension services (other than for the autonomous Adjara Region). However, a strategic approach, and budget framework, is expected to be developed with support from the FAO-ENPARD TA during 2014-2015 (Annex 20).

In addition support will be provided from a bi-lateral programme of the Netherlands (Annex 18), including an exploratory mission to review the core services and organisation of the Scientific Research Centre, to be carried out by Wageningen University⁹.

A central issue is, will the Scientific Research Centre become an umbrella organisation, a re-born Academy of Science / Agricultural Innovation System, incorporating extension and advisory services?

Other extension and service providers

A very large investment has been made regarding machinery and farm service centres, some of which provide advisory and consultation services. The extension facilities that were included in the Mecanizatori centres are being disbanded, with some of the staff being offered positions with regional ICCs.

Very significant investment has been made in the inventories of the state limited companies, Mecanizatori, as well as the Farm Service and Machinery Service Centres set up under the MCC and USAID initiatives. A list of 87 centres (annex 21) sets out the location of such service providers.

⁹ <http://www.wageningenur.nl/en/Expertise-Services.htm>

Conclusions and Recommendations

The National Statistics Office of Georgia, GEOSTAT, in the annual publication, 'Agriculture of Georgia, 2012', defines two categories of agricultural producer:

(1) Family Holding – a holding operated by a household, including holdings operated by several households without any formal agreement between them.

(2) Agricultural Enterprise – a holding operated by a subject created on the basis of the Law of Georgia “On entrepreneurs” (individual entrepreneur, partnership, semi-partnership, limited responsibility society, joint stock company, cooperative). The category includes holdings operated by other types of subject, such as fund, association, government agency, educational organization, religious organization

There are a large number of rural households in the first category, family holdings, the so called small farmers in Georgia. According to the statistics (assembled on the basis of lists held at municipality level) of the Agricultural Project Management Agency (APMA), which is responsible for the management of state sector support funds, such as the so-called ploughing programme, there are some 710,338 eligible households defined as those with land holdings greater than 0.25Ha and less than 5 Ha. This category are the primary target of support actions by the Government support programmes and of the ENPARD, with the intention that group 2, agricultural enterprises, and specifically agricultural cooperatives, increases in size and activity.

There is an established and functioning state information and consulting service in Georgia, state funded, operating as agricultural departments of the MoA in all the regions and districts of Georgia.

The system is expected to evolve and provide for an extended range of services, perhaps under an "Agricultural Innovation System" approach, which is a standard of operations linked to the ENPARD benchmark of progress for 2015.

The Georgian government will probably not want to establish a traditional state extension service, which would require a very large number of extension officers to establish the usual ratios of officers to small holders. This would require perhaps, 3,000 extension officers using traditional ratios.

An economic evaluation of the cost-benefit and cost-recovery targets for different forms of service and at different stages in their development is required, and planned. The issues of cost-recovery and sustainability are always difficult, frequently where extension services fail.

It is likely that a funding mix for an enhanced service would need to include:

1. Donor organisations to provide assistance in setting up of extension and advisory systems, including technical assistance, training and support to extension providers, capital equipment, and start-up funding.
2. Farmers and processors to provide some of the funds, through full or partial charges for advice or services, which could include:
 - Provision of a specific product or service, such as relating to plant propagation materials and artificial insemination;
 - Advice resulting in a business plan that can be used to obtain a grant or credit;
 - Crop-protection advice.
3. The Government will need to make a long-term commitment to support the system, including:
 - The core funding of an extension agency;

- Funding of media and information services, which cannot be charged out to users;
- Services to users who are unable to pay full cost, as a form of public investment in sector development.

In addition to identifying a sustainable funding platform for an extension and advisory service, the evaluation of the extension services to be provided are likely to be structured on the basis of an Agricultural Innovation System, which includes:

- i. **Farmer innovations:** the scientific community learns from and builds on farmer innovations.
- ii. **Farmer organizations:** role of FOs and specific individuals ('champions').
- iii. **Access to market:** for adoption of innovations by family farmers and of involvement in value chains.
- iv. **Research and extension:** demand-driven, so that research organisations, extension agencies and farmers are more closely interlinked through better communication and coordination.
- v. **Risk associated with innovation:** resource-poor family farmers wish to minimize risk, which impacts on adoption of innovations.
- vi. **Women farmers:** recognising the central role that women farmers play in agriculture, rural development and food security.
- vii. **Youth:** farming needs to be made more attractive, with an emphasis on farm profitability and entrepreneurship development - an improved perception of farming for youth, aided by the use of information and communication technologies (ICTs).
- viii. **ICTs:** mobile technologies, used to bring farmers closer to markets, with each other and to extension agents. Radio and TV use, given the wide availability, low cost and use of local languages.
- ix. **Innovation brokers:** the lubricants of the innovation engine.

The organisation, management, financing and functioning of extension services in Georgia needs to be set out in the context of a Strategy for Extension Services. This is a core objective of technical support to the Ministry of Agriculture of Georgia, within the EU-FAO, Capacity Development of the Ministry of Agriculture Project.

ANNEXES

Annex 1: Decree and regulation on establishment of Information-Consultancy Services

view

<https://publish.matsnc.gov.ge/coe-portal/gxt/xmlfilepreview?document...>



საქართველოს სოფლის მეურნეობის მინისტრის

ბრძანება N2-63

28 თებერვალი 2013 წ.

ქ. თბილისი

საქართველოს სოფლის მეურნეობის სამინისტროს ტერიტორიული ორგანოების - საინფორმაციო-საკონსულტაციო სამსახურების ტიპიური დებულების დამტკიცების შესახებ

„საქართველოს ზოგადი ადმინისტრაციული კოდექსის“ 61-ე მუხლის, „საქართველოს მთავრობის სტრუქტურის, უფლებამოსილებისა და საქმიანობის წესის შესახებ“ საქართველოს კანონის მე-15 მუხლის მე-4 პუნქტის და „საქართველოს სოფლის მეურნეობის სამინისტროს დებულების დამტკიცების შესახებ“ საქართველოს მთავრობის 2012 წლის 28 დეკემბრის N485 დადგენილებით დამტკიცებული საქართველოს სოფლის მეურნეობის სამინისტროს დებულების მე-5 მუხლის პირველი პუნქტის „თ“ ქვეპუნქტისა და მე-6 მუხლის „ბ“ ქვეპუნქტის შესაბამისად,

გბრძანებ:

მუხლი 1

დამტკიცდეს საქართველოს სოფლის მეურნეობის სამინისტროს ტერიტორიული ორგანოების-საინფორმაციო-საკონსულტაციო სამსახურების თანდართული ტიპიური დებულება.

მუხლი 2

ძალადაკარგულად გამოცხადდეს „საქართველოს სოფლის მეურნეობის სამინისტროს ტერიტორიული ორგანოების ტიპიური დებულების დამტკიცების შესახებ“ საქართველოს სოფლის მეურნეობის მინისტრის 2009 წლის 14 აპრილის N2-86 ბრძანება.

მუხლი 3

ბრძანება ძალაში შევიდეს გამოქვეყნებისთანავე.



მ/3

4/10/2014 12:28 PM

Minister of Agriculture of Georgia

Decree №2-63

28 February 2013

Tbilisi, Georgia

**Standard Charter Approval for Ministry of Agriculture of Georgia Territorial Branches -
Information-Consultancy Services**

According to " General Administrative Code of Georgia " 61 - Article , "On the Structure, Powers and Procedures " of Article 19 , paragraph 4, and "The Ministry of Agriculture regulations ," the Government № 485 of December 28, 2012 approved by the Ministry of Agriculture of the provisions of Article 5 , paragraph " h" and Article 6, paragraph "b " of the decree - **I hereby declare**

Article 1

Standard Charter for Territorial bodies of the Ministry of Agriculture shall be approved for information consulting services.

Article 2

Invalidate the "Standard Charter for Territorial bodies regulations," Minister of Agriculture of 14 April 2009 on № 2-86 command.

Article 3

Decree shall enter into force on publication.

Minister of Ministry of Agriculture of Georgia

David Kirvalidze

Territorial bodies of the Ministry of Agriculture - Standard Informational Consultancy services Regulation¹⁰

Article 1. General Provisions

1. Territorial bodies of the Ministry of Agriculture - Informational - Consultancy services (hereinafter - Services) are designed according to "Ministry of Agriculture regulations," the Government Decree № 485 of December 28, 2012.
2. Service centres represent the Ministry of Agriculture (hereinafter - the Ministry) in the relevant territorial unit of the municipality.
3. For its activities, the service centres are guided by the Constitution of Georgia, international agreements, laws and regulations.
4. Provision of services and personnel shall be approved by the Minister of Agriculture (hereinafter - the Minister)
5. Service centres accountable to the Ministry, which oversees the carrying out of their duties according to law.

Article 2: Official Duties

Official Duties are:

- a) Collecting information on existing agricultural lands within the administrative - territorial boundaries of municipalities
- b) Creating complete updated information based on agricultural lands within the economic year
- c) Within the administrative-territorial boundaries of municipalities, estimate approximate preliminary harvest; operational information processing.
- d) Participation in project selection within the administrative-territorial boundaries of municipalities, consultation and monitoring.
- e) Collecting information on prices of local agricultural products
- f) Analyzing potential of storage and processing facilities for plant and livestock sectors within the administrative-territorial boundaries of municipalities
- g) Informing interested stakeholders about legal and tax liabilities according to Georgian legislature
- h) Informing citizens about Ministry policy and programs
- i) Informing Ministry about existing problems and current situation in agricultural sector.
- j) Analyzing economics of plant and livestock products production technology process and delivering this information to interested parties.
- k) Popularization and establishment of modern agricultural crop development technologies
- l) Gathering information about existing seed and planting materials on the market. Consulting stakeholders according to their specification.
- m) Delivering information about mechanization of the municipality as well as the rational use of mechanization to interested parties.
- n) Gathering information about plant protection products on the market and offering interested individuals appropriate methods of their use.
- o) Consulting interested individuals about harvest technical activities and other organizational issues
- p) Recommendations on post-harvest storage conditions and the timing

¹⁰ The original and official Georgian version of the regulation is available

- q) Animal Care - modern farming methods and technologies popularization for their implementation.
- r) Consulting stakeholders on rational use of pastures
- s) Consulting stakeholders on necessary measures for animal health, veterinary and sanitary issues.
- t) Active cooperation and participation in meetings with state and local government bodies, international donor organizations, as well as extension centres.
- u) Organizing a variety of trainings and workshops
- v) Recommendations for milk and meat cattle and livestock productivity growth and direction in order to maintain a steady diet.
- w) Analyzing and assessing emergency situations in municipalities
- x) Within the field of statistics creating a database of information and coordination of activities;
- y) Implementing other rights and obligations defined by Georgian legislation.

Article 3. Organizational Structure

1. The structure is determined by a staff list, and approved by the Minister.
2. Organization is headed by the Consultancy Head, who is appointed and dismissed by the Minister.
3. Consultancy Head:
 - a) Responsible for the Constitution, other laws and regulations for the implementation of the field, which belongs to the reign of Service
 - b) Is responsible for the a timely, professional and efficient performance of functions and duties assigned
 - c) Regulates issues within the government, takes decisions within its competence
 - d) Allocates responsibilities between the main specialists and specialists, gives them instructions and orders
 - e) Supervises subordinate employees in the performance of their duties;
 - f) Propose Ministry leadership proposals on Ministry employee incentives or disciplinary actions
 - g) Personnel under the leadership of the proposals submitted to the Ministry of incentives or disciplinary actions
 - h) Office hours for citizens
 - i) Report to the Minister about organizations work progress
 - j) Responsible for the use and protection of state property, and the organization of these activities.
 - k) Main specialists and specialists are under Department head supervision, Department heads are appointed and dismissed by the Minister

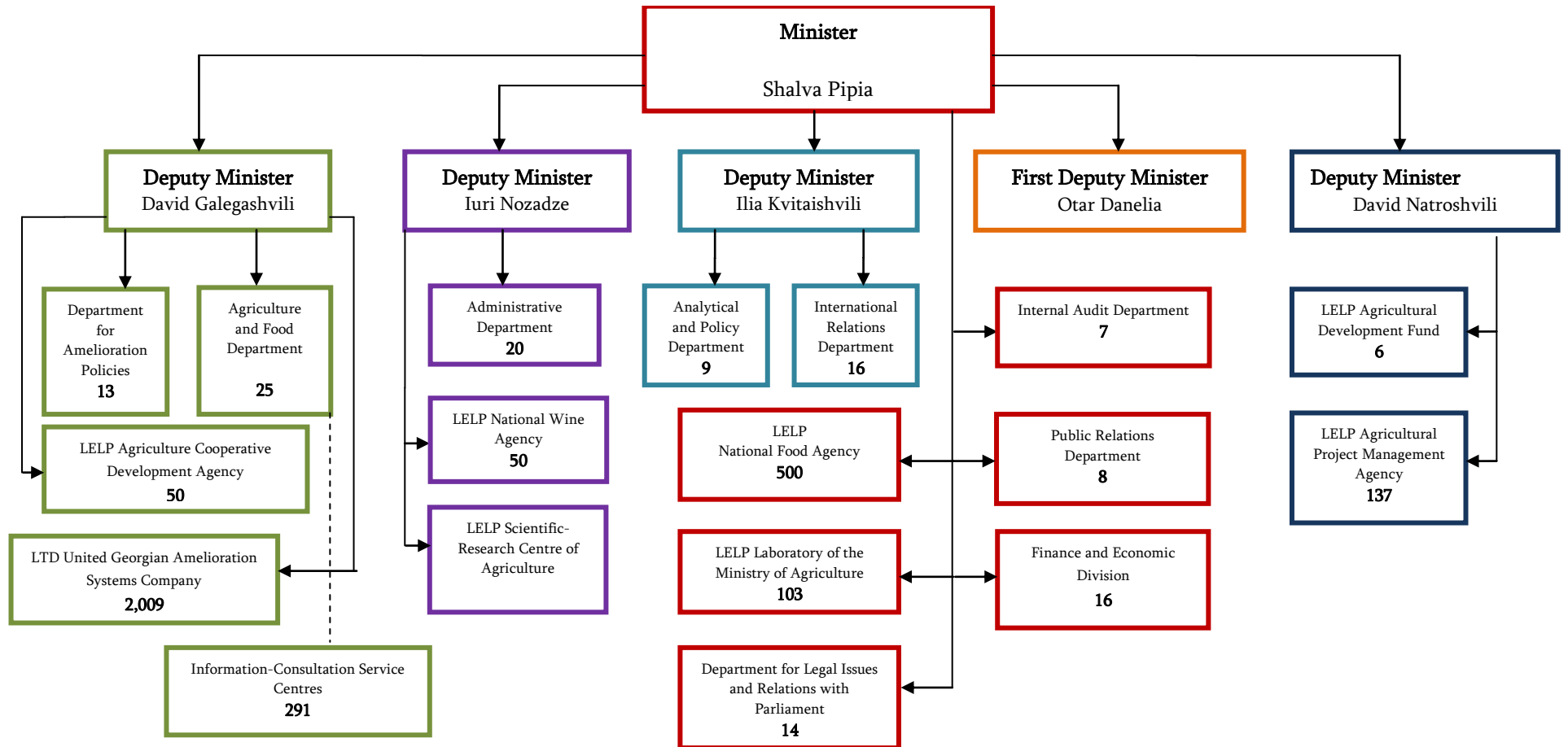
Article 4. Department reorganization and liquidation

Department reorganization and liquidation is implemented under existing laws

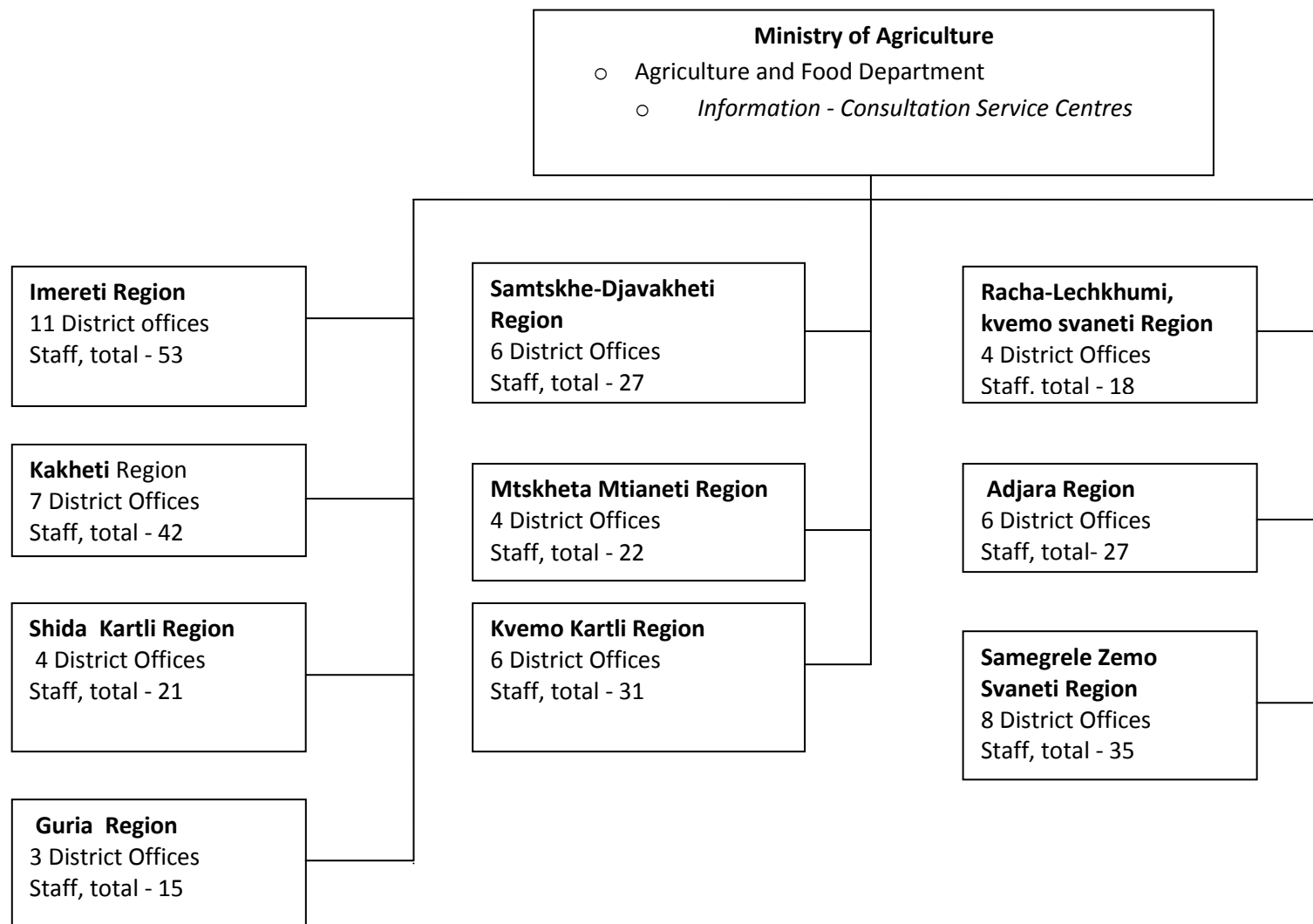
Article 5. Changes in the Decree

Changes in the decree are undertaken according to Georgian laws.

Annex 3: MoA Organogram / Information and Consulting Centres



LELP: Legal Entity Public Law



ICCs in 59 districts of the 10 regions of Georgia (including Adjara), with a total of 291 staff members

Annex 4 List of Information and Consulting Centres

INFORMATION AND CONSULTING CENTRES: 59 centres in the 10 regions of Georgia

I. Imereti

1. Samtredia

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Mamuka	Kvantaliani	599 28 63 06	599 28 63 06	kvantaliani66@mail.ru	samtredia.icc@gmail.com
Chief Specialist	Tariel	Ochkhikidze	599 73 26 33	599 73 26 33		
Chief Specialist	Bichiko	Megrelishvili	551 45 46 45	551 45 46 45	bmeg@mail.ru	
Main Specialist	Nika	Kapanadze	598 60 58 96	555 94 05 98	kapa777@uahoo.com	

2. Zestafoni

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Rusudan	Dzidzishvili	599,707,442	595 301 707; 577 112 007;	dzidzi2002@yahoo.com r.dzidzishvili@agrni.edu.ge	zestaponi.icc@gmail.com
Deputy Head	Amiran	Kvetenadze	591,240,241	595,330,065	kvetenadze48@gmail.com	
Chief Specialist	Tinatin	Arabidze	593,984,405	598,358,636	tinatarabidze@gmail.com	
Chief Specialist	Mevlud	Nishnianidze	577,790,258		mevludi.nishnianidze@mail.ru	
Chief Specialist	Temur	Katamadze	577,317,950	595,202,844		
Chief Specialist	Maia	Darbaidze	598,195,443		maidarbaidze1@yahoo.com	
Main Specialist	Nino	Dekanoidze	598,670,071	558,700,047	n_dekanoidze@mail.ru	

3. Vani

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Ivane	Sanadiradze	599 91 96 98		i.sanadiradze@moa.gov.ge	vani4.icc@gmail.com
Chief Specialist	Gia	Kharabadze	595 35 56 47			
Chief Specialist	Gela	Bakradze	593 50 55 25			
Main Specialist	Medea	Napetvaridze	599 45 77 48		n.medea@yahoo.com	

4. Bagdati

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Kote	Javakhia	595772289		kotejavaxia@gmail.com	bagdati.icc@gmail.com
Chief Specialist	Nino	Bukhuleishvili		599313163	nino.buxuleishvili@mail.ru	
Chief Specialist	Ia	Skhiladze	598867796	557369677	iageo@yahoo.it	
Main Specialist	Zurab	Zirakadze	558194979		zurab.zirakadze@live.com	

5. Tkibuli

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Janiko	Darsadze	599107582	598803430		tkibuli.icc@gmail.com
Chief Specialist	Revaz	Kvavadze	595772020	577773940	revaz.kvavadze@mail.ru	
Chief Specialist	Giorgi	Goglidze	598344148	558289843	g.goglidze64@mail.ru	
Main Specialist	Maka	Sharvadze	598848292	557503480	makasharvadze@gmail.com	

6. Tskaltubo

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Merab	Chikvaidze	595554739	557233874	merabchikvaidze@mail.ru	tskaltubo.icc@gmail.com
Chief Specialist	Liana	Khachapuridze	599234851		liachapuridze@yahoo.com	
Chief Specialist	Eka	Bardavidze	599543173	555609610	enologe@yahoo.com	
Main Specialist	Rezo	Cholokava	598499140	555122455	rezocholokava@gmail.com	

7. Khoni

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Badri	Bakhtadze	551166080	595508988	badribakh@gmail.com	khoni.icc@gmail.com
Chief Specialist	Aleksander	Korkashvili	591226107			
Chief Specialist	Nino	Eltarov	599854517	557134761	eltarovi@mail.ru	
Main Specialist	Irina	Khachapuridze	599854518	595355556	irrinka17@gmail.com	

8. Terjola

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Goram	Gurjidze	599854511	558582428	gurami.gurjidze@mail.ru	terjola.icc@gmail.com
Chief Specialist	Revaz	Chumburidze	599750100	591231100	rezi73@inbox.ru	
Chief Specialist	Mindia	Karkashadze	599204055		mindiaq@gmail.com	

Main Specialist	Lela	Pkhakadze	595740343		lelaphkakadze@yahoo.com	
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9. Chiatura

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	David	Modebadze	591 32 22 32	-	dato-modebadze@rambler.ru	Chiatura.icc@gmail.com
Chief Specialist	Zaza	Makhatadze	599 11 02 50	-	zamazatadze@mail.ru	
Chief Specialist	Isolda	Mirotadze	591 13 14 06	-	imirotadze@mail.ru	
Main Specialist	Davit	Jinoridze	599 85 45 13	-	jinoridze80@mail.ru	

10. Kharagauli

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Acting Head of Service	Vaja	Machavariani	595858380	591812052	machavariani.v@yahoo.com	kharagauli.icc@gmail.com
Chief Specialist						
Chief Specialist	Natela	Beradze	595858323	599852601	natela.beradze@mail.ru	
Main Specialist	Marina	Bogveradze	551271779	551271779	marina.bogveradze@gmail.com	

11. Sachkhere

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Shalva	Nasaridze	595,281,668	558,282,868	nasaridze1961@mail.ru	sachkhere.iccentre@gmail.com
Chief Specialist	Mariam	Labadze	551,552,557	595,448,466	mariamlabadze99@mail.ru	
Chief Specialist	Olga	Meskhi	598,770,710	593,115,110	olikomeskhi@gmail.com	
Chief Specialist	Muradi	Iakobashvili	599,521,533	593,659,319	muradiiakobashvii@gmail.com	
Main Specialist	Nino	Dekanoidze	598,670,071	558,700,047	n_dekanoidze@mail.ru	

II. Kakheti

12. Signaghi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Giorgi	Bolgashvili	599 56 29 45	599 56 29 45	bondo.bolgashvili@mail.ru	signagi.icc@gmail.com
Chief Specialist	Giorgi	Spanderashvili	597 05 75 70	597 05 75 70	giorgi_spanderashvili@mail.ru	
Chief Specialist	Gela	Gelashvili	595 11 00 40	595 11 00 40	gelashvili-gela@rambler.ru	

Chief Specialist	David	Kochlamazashvili	599 85 55 68	599 85 55 68	d.kochlamazashvili@gmail.com	
Main Specialist	David	Janikashvili	599 56 86 31	599 56 86 31	datojanikashvili@rambler.ru	

13. Telavi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Guram	Germanishvili	551 78 18 87	551 78 18 87	telaviagro@yahoo.com	telavi.icc@gmail.com
Deputy Head	Vaja	Leshkasheli	599 50 73 10	599 50 73 10	kopala1898@yahoo.com	
Chief Specialist	Levan	Javakhishvili	599 24 46 41	599 24 46 41	levantelavi@yahoo.com	
Chief Specialist	Noshrevan	Iarajuli	599 96 71 51	599 96 71 51	iarajuli.info@gmail.com	
Acting Chief Specialist	Zurab	Tsignadze	551 60 70 20	551 60 70 20	ztsignadze@yahoo.com	
Main Specialist	Natia	Tatishvili	551 13 30 05	555 33 34 70	tatishvili.nat@gmail.com	

14. Lagodekhi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Gela	Natroshvili	598770799	577955211	natroshviligela@mail.ru	lagodekhi.icc@gmail.com
Chief Specialist	Irma	Khvedelidze	599755074		khvedelidzeirma@yahoo.com	
Chief Specialist	Giorgi	Gogrichiani	595858395	577955209	gogrichiani_giorgi@yahoo.com	
Chief Specialist	Zurab	Tandilashvili	599373585	577955213	zura_tandilashvili@mail.ru	
Main Specialist	Nugzar	Kapanadze	595858336	599922355	lagodekhi.icc@gmail.com	

15. Gurjaani

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Ivane	Basilashvili	598 180434	598 180434	ivane.basilashvili@yahoo.com	gurjaani.icc@gmail.com
Chief Specialist	Giorgi	Abesadze	551 787898	577 955425	abesadze1959@gmail.com	
Chief Specialist	Aleksander	Tatrishvili	599 743111	557 531009	alex.tatrishvili@gmail.com	
Chief Specialist	Avtandil	Iaganashvili	551 537172	597 188978	avtandil.iaganashvili@gmail.com	
Main Specialist	Andria	Kitesashvili	598 712502	597774957	andria.qitesashvili@gmail.com	

16. Akhmeta

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Ira	Elanidze	599 13 40 20	577 95 30 83	iraelanidze@gmail.com	akhmeta.icc@gmail.com
Chief Specialist	Gela	Shatirishvili	593 58 78 07	579 30 00 01	gela.gela24@mail.ru	

Chief Specialist	Nodar	Otiashvili	599 51 21 33	597 51 21 33	n.otiashvili50@gmail.com	
Main Specialist	Natali	Obgaidze	599 52 40 40	593 76 79 10	nataliobgaidze@yahoo.de	

17. Sagarejo

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Nikoloz	Javakhishvili	599206700	593557616	nikoloz.javakhishvili@yahoo.com	sagarejo.icc@gmail.com
Chief Specialist	givi	Atabegashvili	595300629		givi.atabegashvili@mail.ru	
Chief Specialist	givi	Matiashvili	599851082	577955897	givi.matiashvili@hotmail.com	
Chief Specialist	Akaki	Dekanozishvili	595743201		akaki.dekanozishvili@yahoo.com	
Main Specialist	Giorgi	Dvali	598209872		giorgi.and1@yahoo.com	

18. Dedoplistskaro

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Giorgi	Benashvili	599402110	599510171	benashvili_giorgi@yahoo.com g.benashvili@moa.gov.ge	dedoplistskaro.icc@gmail.com
Chief Specialist	Vasiko	Siprashvili	599607193	599607193	vasikosifrashvili@gmail.com	
Chief Specialist	Iago	Khochiashvili	599917573	599917573	iagokochiashvili@gmail.com	
Chief Specialist	Marina	Otarashvili	599337890	599337890	marinaotarashvili@gmail.com	
Main Specialist	Asmat	Gigauri	599406923	599406923	asmogigauri@gmail.com	

19. Kvareli

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Mikheil	Berishvili	599 31 85 22	574 06 22 48	berishvili.mikheil@yahoo.com	kvareli.icc@gmail.com
Chief Specialist	Nika	Berishvili	595 63 73 28		berishvili_nika@yahoo.com	
Chief Specialist	Levan	Kurtanidze	595 17 44 55	574 00 70 08	kurtanidzelevani@yahoo.com	
Chief Specialist	Tamazi	Khatiashvili	599 01 86 86	593 32 95 46	tamazkhatiashvili@yahoo.com	
Lead Specialist	Giorgi	Tushurashvili	599 07 00 94	597 05 24 33	tushurashviligia@yahoo.com	

III. Samegrelo Zemo Svaneti

20. Senaki

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Giorgi	Khargelia	595858330	577723569	gkxargelia@gmail.com	senaki.icc@gmail.com
Chief Specialist	Jemali	Gokadze	595858366	595199636	jgokadze@mail.ru	
Chief Specialist	Lali	Gugunishvili	595858353	568381212	lali.chughunishvili@mail.ru	
Main Specialist	Leila	Gvazabia	595858398	592191173	leila.gvazabia@mail.ru	

21. Chkorotsku

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Murman	Jalagonia	595 85 83 55	579 88 15 17	murmani.jalagonia@mail.ru	chkhorotsku.icc@gmail.com
Chief Specialist	Robert	Kvaratskhelia	595 85 83 50	574 15 96 96	robert.kvaracxelia@gmail.com	
Chief Specialist	Davit	Gakharia	595 85 83 25	568 86 29 77	gaxaria71@mail.ru	
Main Specialist	Maia	Chikovani	595 85 83 63	599 19 25 04	maiachiqovani@mail.ru	

Mestia

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Nino	Ratiani	599 18 35 55	599 18 35 55	ninoratiani@gmail.com	mestia.icc@gmail.com
Chief Specialist	levan	loseliani	595 85 83 38	599 08 10 03	le_gio@yahoo.com	
Chief Specialist	Giorgi	Chartolani	551 85 55 44	551 85 55 44	chartolanigiorgi@gmail.com	
Main Specialist	Nino	filfani		595 62 04 23	ninoagronomi@gmail.com	

22. Martvili

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Merab	Kvartskhava	595-85-83-81	577-117-417	m.kvartskhava@gmail.com	martvili.icc@gmail.com
Chief Specialist	Apolon	Koraia	591-60-36-72		badrikoraia@gmail.com	
Chief Specialist	Muradi	Chargazia	551-56-57-52		muradchargazia@gmail.com	
Main Specialist	Ekaterine	Naroushvili	595-18-36-63		enaroushvili@gmail.com	

23. Khobi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Anguli	Mikava	595858393	555030255	a.miqava@gmail.com	Khobi.icc@gmail.com
Chief Specialist	Besiki	Nachkebia	595858320	577959463	besik.nachkebia@gmail.com	
Chief Specialist	DaTo	Radua	595858322	574028080	dgadua@gmail.com	
Main Specialist	Zinaida	Kemularia	595858365	558206026	z.kemularia@gmail.com	

24. Zugdidi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Davit	Churghulia	599854502		zugdidskii@mail.ru	zugdidi.icc@gmail.com
Deputy Head	Guram	Tsitsava	577792007		babitedi@gmail.com	
Chief Specialist	Genad	Nadaraia	599854512		nadaraia.genad@mail.ru	
Chief Specialist	Tamaz	Khasaia	599589898		tamazkhasaia@iahoo.com	
Chief Specialist	Giorgi	Kvaraia	599325015		kvaraia.g@gmail.com	

Main Specialist	Manuja	Bukia	591150020	592770391	bukiamanuki@gmail.com	
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25. Tsalenjikha

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Nugzar	Kalandia	591 14 90 89	591 00 51 86	nugzari.Kalandia@mail.ru	tsalenjikha.icc@gmail.com
Chief Specialist	Valeri	Chanturia	598 78 68 56		Valeri chanturia@gmail.com	
Chief Specialist	Valeriane	Kvaratskhelia	599 85 45 16	568 98 07 09	Valeriane@rambler.ru	
Main Specialist	Shorena	Torua	595 95 03 54	555 64 69 98	toruashorena@yandex.ru	

26. Abasha

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Durmishkhan	Kiladze	551 96 57 31		durmishkhan.kiladze@mail.ru	abasha.icc@gmail.com
Chief Specialist	Leila	Chochis	595 85 83 83			
Chief Specialist	Lasha	Sigua	599,227,256	593 99 37 94	lashasigua@mail.ru	
Main Specialist	Mariam	Chikovani	595 85 83 03	598 68 38 22	chikovani_mariam@mail.ru	

IV. Samtskhe-Javakheti Region

27. Borjomi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Nodar	Stepnadze	599 22 17 50	599 22 17 50	nstepnadze@gmail.com	borjomi.icc@gmail.com
Chief Specialist	grigor	Jvaridze	599 51 09 73	599 51 09 73	grimi7777@gmail.com	
Chief Specialist	malxaz	Mshvildadze	551 62 00 82	597 62 82 82	mshvildadzemalkhaz@gmail.com	
Main Specialist	Zaira	Papidze	595 85 83 82	598 41 52 72	zakopapidze@yahoo.com	

28. Akhaltsikhe

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Zaza	Khutisshvili	595858377	551332551	zaza.khuts@gmail.com	akhaltsikhe.icc@gmail.com
Deputy Head	Mamuka	Tamaradze	595858332	571259551	Mamuka.tamaradze@mail.ru	
Chief Specialist	Alika	Kostanashvili	595858311	591918801	aleksikostanishvili@gmail.com	
Chief Specialist	Merab	Naskidashvili	595858399	571955226	merabnaskidashvili@gmail.com	
Chief Specialist	Lia	Tedoradze	595858397	598971151	lia.tedoradze@gmail.com	
Main Specialist	Lia	Chaduneli	595858312	599388518	l.chaduneli555@gmail.com	

29. Ninotsminda

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Armen	Amirkhanyan	595858356	599539956	armen_igor@yahoo.com	ninotsminda.icc@gmail.com
Chief Specialist						
Chief Specialist						
Main Specialist	Marine	Zalalyan	595858354	597011955	marina-zalalian@mail.ru	

30. Aspindza

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Ilia	Tedoradze	595 85 83 52	592 07 77 78	ilia.tedoradze@mail.ru	aspindza.icc@gmail.com
Chief Specialist	Amiran	Lazarashvili	599 93 74 89	568 93 74 89	amiranilazarashvili@yahoo.com	
Chief Specialist	Tariel	Khikhalashvili	599 45 53 48		xixalashvili@mail.ru	
Main Specialist	Olgha	Beridze	595 85 83 07		olgaberidze@yahoo.com	

31. Akhalkalaki

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Ramaz	Gogoladze	595 85 83 35	595331577	gogola_77@mail.ru	akhalkalaki.icc@gmail.com
Chief Specialist	zurab	Melikidze	595 85 83 86	599006999	zura72@yandex.ru	
Chief Specialist	Velikhan	Keropyan	595 85 83 51	599 49 07 37	Vkeropian@mail.ru	
Chief Specialist	Hovik	Muradyan	595 85 83 69	593 34 50 90		
Main Specialist	Arisiak	Broyan	595337677	555426777	nanka.broyan@gmail.com	

32. Adigeni

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Tamaz	Kveladze	595858302	595581874	kveladze.agronom@gmail.com	adigeni.icc@gmail.com
Chief Specialist	Giorgi	Iakobidze	595858304	555080910	giorgi_iakobadze@mail.ru	
Chief Specialist	Vasil	Minadze	595858305	598563451	vasominadze@gmail.com	
Main Specialist						

33. Mtskheta

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Nikoloz	Kiknavelidze	595 85 83 89	597 18 80 35	nikolozk@yahoo.com	mtskheta.icc@gmail.com

Deputy Head	Nugzar	Tinikashvili	599 41 01 51	599 98 71 98	n.tinikashvili@gmail.com	
Chief Specialist	Arsen	Samsonidze	595 85 83 76	599 53 45 87	Arsen.samsinidze@gmail.com	
Chief Specialist	Avtandil	Mumladze	595 85 83 00	599 56 93 45		
Chief Specialist	Tea	Jgenti	595 85 83 33	551 78 89 88	Tea-jgenti@mail.ru	
Main Specialist	Tatia	Khositashvili	595 85 83 43		T-khosita@mail.ru	

34. Kazbegi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Acting Head of the Service	Sopio	Sabauri	595 85 83 09	555 52 37 69	sabauri@rambler.ru	Kazbegi.icc@gmail.com
Chief Specialist	Bejan	Goderdzishvili	599 40 32 88			
Chief Specialist						
Main Specialist	Artem	Tsamaladze	595 85 83 48			

35. Tianeti

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Shalva	Vachnadze	599 91 54 35		shalvavachnadze@yahoo.com	tianeti.icc@gmail.com
Chief Specialist	Guram	Kvnitsashvili	591 233 600		guramikvnitsashvili@yahoo.com	
Chief Specialist	Zviad	Doliashvili	551 15 96 88		zdoliashvili@yahoo.com	
Chief Specialist	Paata	Ivanauri	599 303 700		ivanauripaata@gmail.com	
Main Specialist	Aleksandre	Duluzauri	551 64 87 61		duluza@gmail.com	

36. Dusheti

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Zurab	Sekhniashvili	599-10-43-98	599-10-43-98		dusheti.icc@gmail.com
Chief Specialist	Ivane	Odishelidze	595 85 83 06	577-79-00-60	vanikoodishelidze@mail.ru	
Chief Specialist	Gela	Badagadze	595 85 83 26	595 85 83 26	badagadzegela@yahoo.com	
Chief Specialist	Nani	Tetruashvili	599 70 01 75	599 70 01 75	tetruashvili.nani@mail.ru	
Main Specialist	Nikoloz	Tskhvaradze	595 85 83 44	595 77 33 88	nikandro25@yahoo.com	

VI. Racha-Lechkhumi Kvemo Svaneti Region

37. Lentekhi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:

Head of the Service	Nugzar	Liparteliani	595-25-47-67	595-25-47-67	nugzari.liparteliani@yahoo.com	lentekhi.icc@gmail.com
Chief Specialist	Mevludi	Liparteliani	551-91-96-72	551-91-96-72	mevlud.liparteliani@yahoo.com	
Chief Specialist	Gusein	Tvildiani	599-84-77-54	599-94-77-54	guseimtvildiani@gmail.com	
Main Specialist	Ketevan	Bendeliani	599-40-81-53	599-40-81-53	ketevan.bendeliani@gmail.com	

38. Oni

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Tariel	Lobjanidze	591201119	591217041	lobjanidze.tariel@mail.ru	oni.iccentre@gmail.com
Chief Specialist	Giorgi	Bukhrashvili	595858301	595648462	buxrashvili1962@mail.ru	
Chief Specialist	Giorgi	Serazadishvili	595858387	599153651	sherazadishvili.gio@mail.ru	
Main Specialist	Giorgi	Beruchashvili	595858334	598177731	berucha@mail.com	

39. Ambrolauri

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Besiki	Gotsiridze	595858384	790670712	beso.gociridze@yahoo.com	ambrolauri.icc@gmail.com
Deputy Head	Evtikhi	Bedenashvili	595858373	599157054	bedenashvilievtixi@yahoo.com	
Chief Specialist	Olegi	Getsadze	598297006		olegigewadze@yahoo.com	
Chief Specialist	Nargiz	Iashvili	595858358	790951474	nargizashvili@yahoo.com	
Main Specialist	Ana	Kanteladze	595858308	568884359	kanteladzeanuki@yahoo.com	

40. Tsageri

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Diana	Urtmelidze	595 38 69 41		dianaurtmelidze1959@gmail.com	tsageri.iccentre@gmail.com
Chief Specialist	Maizer	Kopaliani	599 39 07 89		kopaliani@gmail.com	
Chief Specialist	Bondo	Khetsuriani	591 64 40 34		bondoxecuriani@gmail.com	
Main Specialist	Tamila	Bakuradze	551 45 50 95	599 36 22 49	tamilabakuradze@mail.ru	

VII. Shida Kartli

41. Gori

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Mamuka	Lomsadze	591 19 29 14		mamukalomsadze@gmail.com	gori.iccentre@gmail.com
Deputy Head	David	Kakashvili	599 14 89 72		davit.kakashvili@yahoo.com	
Chief Specialist	Tengiz	Nanetashvili	599 22 72 83		t.nanetashvili@mail.ru	
Chief Specialist	Jemiko	Dudashvili	551 55 39 44		jemodudashvili@gmail.com	

Chief Specialist	Malkhaz	Koshadze	595 22 11 64		koshkadze64@mail.ru	
Main Specialist	Lia	Aleksidze	551 55 02 69		aleqsidzelia@yahoo.com	

42. Kaspi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Solomoni	Iremashvili	599 98 22 85		suliko1955@gmail.com	kaspi.icc@gmail.com
Chief Specialist	Nodari	Bakhtadze	593 46 26 16		nodarbartzaze@mail.ru	
Chief Specialist	Simon	Midelashvili	593 27 30 26		kmidelashvili@mail.ru	
Chief Specialist	David	Birkadze	599 72 32 72		david.birkadze@gmail.com	
Main Specialist	Tamar	Khatiashvili	598 70 76 68		khatiashvili.tamar@yahoo.com	

43. Kareli

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Zaza	Barbakadze	599 35 96 70	557 15 84 99	barbakadze.agronom@gamil.com	kareli.icc@gmail.com
Chief Specialist	Tengiz	Kvrivishvili	591 19 29 35	ar aqvs	qvrivishvili50@mail.ru	
Chief Specialist	Ilia	Gochashvili	595 35 39 79	593 19 06 49	ilia.gochashvili@mail.ru	
Chief Specialist	Manan	Marjanidze	599 98 52 01			
Main Specialist	Tamar	Oblishvili	551 18 03 23	555 72 92 09	tamunia051@gmail.com	

44. Khashuri

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Givi	Bliadze	599 95 10 10	599 95 10 10	gia.bliadze@yahoo.com	khashuri.icc@gmail.com
Chief Specialist	Avtandil	Gogoladze	599 54 21 34	599 54 21 34	avtandilgogaladze@gmail.com	
Chief Specialist	Roin	Kurtanidze	599 00 72 02	599 26 23 31	roinkurtanidze777@mail.ru	
Main Specialist	Asmat	Makharashvili	599 19 32 46	599 19 32 46	asmatimaxarashvili@yahoo.com	

VIII. Guria Region

45. Lanchkhuti

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Gela	Zenashvili	551 54 50 44	558 270 275	gela.zenaishvili@mail.ru	lanchxuti.iic@gmail.com
Chief Specialist	Aleko	Askurava	599 12 11 38	593 30 41 42	aleko.askurava@mail.ru	
Chief Specialist	Salome	Tikaradze	598 30 91 95	558 35 91 95	tikaradzsalome@yahoo.com	
Main Specialist	Tamar	Rokva	595 85 83 45	595 70 78 87	tamarrokva@mail.ru	

46. Ozurgeti

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Giorgi	Chkonia	595 27 53 94		gigichqonia@uahoo.de	ozurgeti.icc@gmail.com
Deputy Head	Guram	Iobishvili	595 85 83 18		guram.iobishvili@gmail.com	
Chief Specialist	Emzar	Tskhomelidze	595 85 83 71		emzarxcomelidze@mail.ru	
Chief Specialist	Gia	Bolkvadze	595 85 83 39		gia.bolkvadze.60@mail.ru	
Main Specialist	Omar	Chkhartishvili	599 92 74 48		chkhartishvili@yahoo.com	

47. Khokhatauri

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Manana	Mindadze	595858388	599530363	m_chokhatauri@yahoo.com	chokhatauri.icc@gmail.com
Chief Specialist	Zaza	Tskhoidze	595858313	599434100	maia.paichadze@yahoo.com	
Chief Specialist	Edisher	Sikharulidze	595858315	577230099	edisher22@mail.ru	
Main Specialist	Temur	Dzneladze	595858310	599293654	temurdzneladze@mail.ru	

IX. Kvemo Kartli Region

48. Bolnisi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Teimuraz	Bakuradze	595 51 75 75	568 97 08 80	teimuraz.bakuradze@mail.ru	bolnisi.icc@gmail.com
Chief Specialist	Zaza	Burjaliani	599 01 07 74	593 65 65 04	24zazaburjaliani@gmail.com	
Chief Specialist	Malkhaz	Avkopashvili	599 98 22 41	599 98 22 41	malxazavqofashvili@gmail.com	
Chief Specialist	Naira	Gabrighidze	599 49 19 92	574 80 49 48	nairagabrighidze@mail.ru	
Main Specialist	Dimitri	Misheladze	599 49 09 89	574 24 58 18	dmisheladze@yahoo.com	

49. Tsalka

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Mamia	Tavartkiladze	595 27 42 07	595 27 42 07	tsalka2013@gmail.com	tsalka.icc@gmail.com
Chief Specialist	Giorgi	Gvichiani	555,508,505	555,508,505	giorgigvichiani@mail.ru	
Chief Specialist	Guram	Tsereteli	551 09 54 91	551 09 54 91	g_tserediani@mail.ru	
Main Specialist	Temur	Mgeladze	599 69 26 92	599 69 26 92	temuriko13@gmail.com	

50. Gardabani

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
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Head of the Service	Levan	Gogochuri	599 17 85 42	555 13 19 17	levan.gogochuri@mail.ru	gardabani.icc@gmail.com
Chief Specialist	Mtvarisa	Kobulia	599 47 17 43	568 08 15 30	qobulia65@mail.ru	
Chief Specialist	Guram	Melkadze	599 50 05 30	595 59 25 95	guramimel@gmail.com	
Chief Specialist	Irakli	Khozrevanidza	599 47 60 00	599 76 05 50	khozre83@gmail.com	
Main Specialist	Keso	Gigani	555 94 53 62	-----	kesariagigani@yahoo.com	

51. Tetrtskaro

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Giorgi	Gaiozishvili	551-15-58-55	595-36-13-12	giorgigaiozishvili@yahoo.com	tetrtskaro.icc@gmail.com
Chief Specialist	Irma	Kopadze	599-29-46-80		ikopadze@beka.ru	
Chief Specialist	Zviad	Zuliashvili	599-46-15-59		dzuliashvili1972@mail.ru	
Main Specialist	Ia	Jashiashvili	599-45-20-48	555-40-55-44	ia.jashiashvili@gmail.com	

52. Dmanisi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Nodar	Tsikhelashvili	599 41 58 93	599 41 58 93	nodar.tsikhelashvili@gmail.com	dmanisi.icc@gmail.com
Chief Specialist	Giorgi	Menteshashvili	595 65 21 31	595 65 21 31	menteshashvili1996@gmail.com	
Chief Specialist	Temur	Datuashvili	595 65 22 97	595 65 22 97	tdautashvili@yahoo.com	
Main Specialist	Giorgi	Razmadze	598 60 57 97	598 60 57 97	giorazma90@gmail.com	

53. Marneuli

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Beniamin	Memarnishvili	595 49 43 49	595 49 43 49	nmemarnishvili@gmail.com	marneuli.icc@gmail.com
Deputy Head	Jumber	Shubitidze	599 10 98 45	599 10 98 45	juba-shuba@gmail.com	
Chief Specialist	Marine	Chachanidze	597 22 20 56	597 22 20 56	marina.chachanidze@gmail.com	
Chief Specialist	Zurab	Kapanadze	558 21 21 61	558 21 21 61	zurabkapanadzee@gmail.com	
Chief Specialist	Pavle	Sivsivadze	599 72 23 08	599 72 23 08	psivsivadze@gmail.com	
Main Specialist	Tamar	Dvali	551 54 84 34	551 54 84 34	tamar.dzali@yahoo.com	

X. Adjara

54. Batumi

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service -	Nugzar	Okropiridze	599898950			

Agronomist						
Chief Specialist - Agronomist	Otar	Kobalia	599546962	599 50 38 92		
Chief Specialist - Veterinarian	Giorgi	Kalandzadze	599546984	558 75 74 91		
Main Specialist - Finance	Karlo	Kekelidze	599547041	557 22 58 00		
55. Keda						
Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service - Agronomist	Soslan	Shervashidze	599546730	591 98 06 69		
Chief Specialist - Agronomist	Levan	Beridze	599546749	557 23 21 02		
Chief Specialist - Agronomist	Erekle	Beridze	599546810	577 90 80 32		
Main Specialist - Finance	Hamlet	Sanikidze	599546797	571 09 09 87		
56. Kobuleti						
Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Manuchar	Nijharadze	574862525	599546623		
Chief Specialist	Zurab	Donadze		599546631		
Chief Specialist	Eka	Tsanava	577908053	599546628	tsanava66@mail.ru	
Chief Specialist	Temur	Tsilosani	568736034	599546641	tsilosani56@mail.ru	
Main Specialist	Levan	Varshanidze	577470807			
57. Shuakhevi						
Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service - Agronomist	Avtandil	Kakaladze	599546817	593 46 20 50		
Chief Specialist - Agronomist	Ramin	Diasamidze	599546867			
Chief Specialist - Veterinarian	Archil	Shainidze	599546890	568 82 75 38		
Chief Specialist - Finance	Temur	Putkaradze	599546884	577 30 45 94		

58. Khelvachauri

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service	Antandil		599-54-66-59			
Chief Specialist	Tornike	Bolkvadze	599-54-67-29		tornikebolqvadze@gmail.com	
Chief Specialist	Otar	Kokobinadze	599-54-67-28			
Chief Specialist	Nana	Balanchivadze	599-54-66-91			
Chief Specialist	Gulvar	Turmanidze	599-54-66-62			

59. Khulo

Position	Name	Surname	Phone Corporate	Phone Personal	E-mail	Corporate e-mail:
Head of the Service - Agronomist	Resan	Chogadze	599546895	598 09 03 73		
Chief Specialist - Agronomist	Jemali	Iakobadze	599546916	593 44 27 20		
Chief Specialist - Veterinarian	Koba	Kachalidze	599546918	555 96 99 91		
Chief Specialist - Finance	Jambul	Abesadze	599546917	577 17 60 18		
Chief Specialist - Agro Engineer	Roman	Santadze	599546927	593 56 96 46		

Annex 5: Information and Consulting Centre (ICC), Mtskheta, Mtskheta Mtianeti Region

Notes from meeting with the “Information and Consultation Services”(ICS) in Mtskheta.

Met with:

- I. Nikoloz Kiknavelidze, Head of ICS Mtskheta, co-operation promoter
- II. Avtandil Mumladzei, Agronomist (PhD), field crops
- III. Tea Jgenti, Live stock specialist (Veterinarian)
- IV. Tatia Khositashvili, Administrator

Missing at the meeting were the Deputy Head Nugzar Tinikashvili and Erosion specialist Arsene Samsonidze – both out on missions.

Purpose of the meeting:

- **To receive information about the ICS set up, activities and services provided.**

General information about the farming community in Mtskheta District.

The district consists of 25 administrative centres with 61 villages. There are approximately 18,900 households in the district out of which 98% (18,714) registered until now and eligible for the Ministry of Agriculture, MoA, 2014 support program for farmers with up to 1.25 hectares of land.

Office set up and staffing

The ICS Mtskheta office set up in March 2013 was initiated by

- i) Application phase for all the 6 staff positions
- ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and
- iii) interviews of a number of persons by Ministry of Agriculture staff.

The selected staff went through a 3 month trial period and the competence diverse team has through job descriptions distributed the fields of work internally. The team seems to have a relatively broad and high agricultural educational competence and good team spirit.

The ICS Mtskheta office is well located in the centre of Mtskheta and has a functioning internet connection.

The unofficial office budget is decided at Ministry of Agriculture level and covers mainly staff salaries, purchase of a small 4WD car, fuel funds for field visits and costs for office supplies (received on request). No specific funds for development of extension materials or training activities but might be received on request. As ministerial employees are the ICS team members not allowed selling services - the office has by this no other sources of incomes.

Tasks and services

The ICS office is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014
- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge plough campaign” for small holders 2013/2014

According to the ICS Mtskheta team is the data collected by staff from the village authorities and submitted to the ICS office. The ICS staff compiles the statistics and send to MoA last week of each month. On basis of this information receives the eligible beneficiaries – the small farmers with up to 1.25 hectares of land – vouchers for plough service free of charge and plastic bank cards (Liberty Bank) loaded with funds for agricultural inputs. The distribution of these support means are managed by the authority staff in the villages but the ICS office staff tasks part in the planning of plough campaign in co-operation with Kaspi Mechanisatory centre.

Information & Consultation activities

The ICS office in Mtskheta estimates that approximately 14,000 households in the district are dependent on farming incomes as their main source of living – out of these reaches the ICS team some 2,000. The centre has for this primary target group for instance developed different “technological maps” in live stock production with description of diseases, feeding recommendations etc. Another field of information dissemination is the development of gross margin calculations for different production sectors – this to give the small scale producers an indication of what to grow or produce. The ICS team has also experience in drip irrigation production and tries to promote this, as well as, green house production.

The small farmer consultations are mainly demand driven with visits by the producers to the ICS office. The ICS team is missing own demonstration plots but outreach extension - with experience exchange – is sometimes arranged in cooperation with “successful farms”.

In cooperation with the local authorities have until now 20 out of 25 village information meetings about the agricultural cooperative movement been arranged. The meetings focused on general information of “what is a cooperative” but also practical examples of how to become more effective/save costs etc and the participant interest increased from seminar to seminar.

An obstacle for the development of agricultural cooperatives – in the eyes of ICS Mtskheta team – is the low percentage of registered land for possible collateral, as a member contribution, to a cooperative set up. Another precondition for success is - according to the ICS team - also the trust between the cooperative members.

ICRR development proposals

ICS Mtskheta team has the following development proposals for the improvement of their activities:

- The agricultural land all over Georgia very segmented and the usage has decreased year by year. A national program to facilitate and reduce the costs for land titles is needed.
- Agricultural demo plots in the district for “on field extension”.
- More practical experiences of agricultural cooperatives advantages.
- Projector for producers’ group trainings indoor.

Mtskheta 25th March 2014

Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 6: Information and Consulting Centre (ICC), Gurjaani, Kakheti Region

Notes from meeting with “Information and Consultation Services”(ICS) in Gurjaani.

Met with:

- I. Giorgi Abesadze, Agronom with general qualifications
- II. Aleksander Tatrishvili, Agro economist and co-operation promoter
- III. Andria Ketesashvili, Food technology specialist and administrator

Missing at the meeting were the Head of ICS in Gurjaani, Ivane Basilashvili and Mechanisation Specialist Avtandil Iaganashvili (on meetings in Tbilisi).

Purpose of the meeting:

- To receive information about the ICS set up, activities and services provided.

General information about the farming community in Gurjaani District.

The district consists of 24 administrative centres with approximately 24,000 households out of which some 22,000 are considered as farming households. The total area of arable land is around 36,000 ha and the vast majority of the farming households have less than 5 hectares of land.

Office set up and staffing

The ICS Gurjaani set up in March 2013 was initiated by:

- i) Application phase for all the 5 staff positions
- ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and
- iii) interviews of 15 persons by Ministry of Agriculture staff.

The selected staff has worked from the start up and seems to have broad and complementary competencies and a good team spirit.

ICS office is reasonable well equipped with enough work places and functioning internet. The office is located in the same building as the Georgian National Food Agency with their Plant Pathologist specialist which gives synergy effects – especially in the crop production sector.

The unofficial budget is decided at MoA Department level and covers mainly staff salaries, internet costs and office supplies (received on request). No specific funds for development of extension materials or training activities. The ICS has no other sources of incomes as they are not allowed to sell services but an “exchange of human resources” exists with the local authorities.

The team has access to 1 car but normally not enough to carry out expected tasks and private cars and funds for fuel has to be provided from time to time.

Tasks and services

The ICS office is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014

- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge ploughing campaign” for small holders 2013/2014
- Areas of cultivars and amount of live stock, poultry, pigs etc.
- Agricultural production forecasts and price monitoring at the local markets

According to verbal information is the data collected by the local authority staff by “knocking door” - in total are some 60 different items recorded. The collected data is evaluated by the ICS team by checking with/visiting a representative number of both small and larger producers. The data is compiled by ICS office and sent to MoA last week of each month. No general feed- back from/ dissemination by MoA of the collected data but the ICRR can retrieve specific information also from other regions on request.

The collected district data is shared with the local authorities and - especially price information - is sometimes published in municipality newspapers.

Information & Consultation activities

Information meetings about agricultural co-operatives have taken place in most of the villages during 2014. Main focus has information about legislative issues and audience time for Q&A but experience exchange with representatives of an existing local co-operative for table grapes is planned. No specific information material is used except the ACDA Charter of Agricultural Co-operatives.

Daily Ad Hoc producer consultation takes place both in office and at visits to the district villages.

As mentioned earlier is there no specific budget for training activities - the human resource development of the ICRR staff and the extension activities for agricultural producers are mainly carried out by donor projects.

ICRR development proposals

ICS Gurjaani team has the following proposals for the improvement of their activities:

- Extension training and presentation materials including projector
- Decentralized ICS staff in the villages for more accurate data collection, less time and funding spent for travelling to the villages and additional tasks like disease monitoring (“Forecast & Warning” system).

Gurjaani 26th of March 2014
Jaba Dolidze & Bo Rosenqvist

Annex 7: Information and Consulting Centre (ICC), Gori, , Shida Kartli Region

Notes from meeting with the “Information and Consultation Services”(ICS) in Gori.

Met with:

- I. Mamuka Lombasadze, Head of ICS Gori
- II. David Kakashvili, Deputy, Agronomist (PhD Fruit & Veg), co-operation promoter
- III. Tengiz Nanetashvili, Agronomist, fruit & nursery
- IV. Jemiko Dudashvili, Agronomist, fruit and grape
- V. Malkaz Koshadze, Live stock specialist (Veterinarian)
- VI. Lia Aleksidze, Administrator and PhD student in cherry propagation

Purpose of the meeting:

- **To receive information about the ICS set up, activities and services provided.**

General information about the farming community in Gori District.

The district consists of 22 territorial units with 102 villages, out of which 86 are populated (mountainous areas depopulated). There are approximately 29,000 households registered and eligible for the Ministry of Agriculture, MoA, 2014 support program for farmers with up to 1.25 hectares of land.

Office set up and staffing

The ICS Gori office set up in March 2013 was initiated by

- i) Application phase for all the 6 staff positions
- ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and
- iii) interviews of 15 persons by Ministry of Agriculture staff.

The selected staff went through a 3 month trial period and the initially recruited crew has all been working from the start up. The team seems to have a relatively broad and high agricultural educational competence.

The ICS Gori office and internet connection is provided by the local municipality - quotations for a new joint office together with National Food Agency is sent out.

The unofficial budget is decided at MoA Department level and covers mainly staff salaries and costs for office supplies (received on request). No specific funds for development of extension materials or training activities. The ICS team has no other sources of incomes as they are not allowed to sell services.

The team has access to 1 car but lack other means of transportation - for instance to bring participants to seminars or demonstration activities.

Tasks and services

The ICS office is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014
- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge ploughing campaign” for small holders 2013/2014
- Areas of cultivars and amount of live stock, poultry, pigs etc.

- Agricultural production forecasts and price monitoring at the local markets

According to verbal information is the data collected by the local authority staff by “knocking on doors”. The collected figures are monitored by the ICS team by visits to or interviews with the 500 producers with more than 5 hectares of agricultural land. Follow up of the data from small farms -provided by the local village staff is done randomly. ICS Gori collects prices – both wholesale and retail – for almost all agricultural products on the Georgian market.

The data is compiled by ICS and sent to MoA last week of each month. No general feed- back from/ dissemination by MoA of the collected data but the ICRR can retrieve specific information also from other regions on request. The ICS team shares also data to agricultural producers on request.

Information & Consultation activities

The German organization for international co-operation, GiZ, has worked with co-operative mobilization during several years in the area. ICS Gori has by this got a “flying start” in their co-operative awareness campaign and has already approached some 40 interest groups. Previous GiZ projects information material has been used and up to now has one co-operative registered in the Public Register and the ACDA registration is in progress. According to the ICS staff have the ENPARD contracted NGO’s for co-operative development in the region not started their activities yet.

The centre carries out training activities in different fields on request – “on farm training” in fruit tree pruning and promotion of nurseries services have been arranged.

According to ICS Gori Head is there no specific budget for extension material development but one manual for modern technologies in vegetable production and one manual in livestock production has been developed with help of different donor projects. The staff states also they have frequent contacts with scientific and academic institutions for their competence development and experience exchange.

The centre has developed their own protocol for farm visits where the identified problem and the specialist recommendation are recorded. During 2013 was approximately 800 farm visits made and recorded.

ICRR development proposals

ICS Gori team has the following proposals for the improvement of their extension activities:

- Possibility to test agricultural (bio) products on farms
- Access and close co-operation with scientific centres for applied research
- Funds to take participants to “on farm training” activities and projector
- Less data collections would give more time for producer consultations
- Rural development plans (?) to stop further urbanization/ re-populate empty villages

Gori 27th of March 2014,

Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 8: Information and Consultation Services (ICS), Kharagauli, Imereti Region

Notes from meeting with the “Information and Consultation Services”(ICS) in Kharagauli.

Met with:

- I. Vasha Machavariani, Acting Head of ICS Kharagauli, co-operation promoter
- II. Natela Beradze, Live stock specialist (Veterinarian)
- III. Marina Bogveradze, Administrator

The ICS Kharagauli team normally 4 persons but Head of Service /Chief Specialist position vacant at the visit.

Purpose of the meeting:

- To receive information about the ICS set up, activities and services provided.

General information about the farming community in Mtskheta District.

The district consists of 20 administrative centres with 78 villages and approximately 10,100 households. A large share of the district is a part of Borjomi –Kharagauli National Park and the economical development in the area has been slow - many in the young generation is by this leaving for better economical outcomes. The agricultural sector plays a minor role - most of the 4,500 hectares of arable land is under private use, – mainly for manual maize production. In addition to the arable land are there some 1,400 ha of orchards, 550 ha for live stock feed production (hay) and 7,300 ha of pastures. Less than 5% of the land is registered – the rational for a land registration is according to the ICS staff for buying or selling purposes.

Office set up and staffing

The ICS Kharagauli office set up in March 2013 was initiated by a i) Application phase for all the 4 staff positions ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and iii) interviews of a number of persons by Ministry of Agriculture staff.

The ICS Kharagauli office is located in the municipal building, well equipped with sufficient workplaces, computers and functioning internet connection.

The unofficial office budget is decided at Ministry of Agriculture level and covers mainly staff salaries, purchase of a small 4WD car, fuel funds for field visits and costs for office supplies (received on request). As ministerial employees are the ICS team members not allowed selling services - the office has by this no other sources of incomes.

Tasks and services

The ICS centre is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014
- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge plough campaign” for small holders 2013/2014

According to the ICS Kharagauli team is the data collected by staff from the village authorities - for this exercise has the team developed a template, based on the information the Ministry of Agriculture requests, each month. No uniform methodology for the collection of data on land usage, number of live stock, crop forecasts, agricultural product prices etc. exists and the ICS staff has to monitor the collected statistics before submission to MoA.

On basis of the land distribution data receives the eligible beneficiaries with up to 1.25 hectares of land (only 46 farms have more than 1.25 ha) vouchers for plough service free of charge and plastic bank cards (Liberty Bank)

loaded with funds for agricultural inputs. The distribution of these support means are managed by the authority staff in the villages.

Information & Consultation activities

The small farmer consultations are mainly demand driven with visits by the producers to the ICS office. The expansion of traditional agricultural sectors is limited due to the lack of arable land and pastures in the district. A large share of the ICS team efforts is due to this to consult on developing alternative sources of incomes from non-traditional agricultural products like beekeeping, trout production, wild berries and mushroom collection etc.

Clients with new business ideas are common visitors to the ICS office for information about the MoA Cheap Loan Program with subsidized interest rates. Most of the small scale farmers fail unfortunately to comply with the conditions of this program – also for a 5,000GEL credit – due to lack of recorded monthly incomes.

In field consultations is mainly carried out at the few live stock producers with more than 10 heads – typical subjects are feeding and breeding recommendations, vaccination program recording and monitoring.

Agricultural cooperative movement meetings have been arranged with mixed results. There is often a general skepticism due to the historical burden of USSR system and focus on the meetings has been to discuss “soft values” and “how to become stronger on the market”.

Experience exchange with the NGO’s implementing the ENPARD Small Farmers Cooperation Component takes place and the ICS team recognizes their approach with “developing business first and then discuss cooperative formation” as right.

ICS development proposals

ICS Kharagauli team has the following development proposals for the improvement of their activities:

- ACDA material good for technical issues but material showing agricultural cooperatives advantages needed too.
- Information materials for the development of non traditional agricultural products.

Kharagauli 31st of March 2014, Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 9: Information and Consulting Centre (ICC), Zugdidi, Samegrelo-Zemo Region

Notes from meeting with the “Information and Consultation Services”(ICS) in Zugdidi.

Met with:

- I. David Churghulia, Head of ICS Zugdidi
- II. Guram Tsitsava, Deputy Head, Engineer and administration manager
- III. Genadi Nadaria, Agronomist with subtropical crops specialisation
- IV. Tamaz Khasaia, Agronomist,
- V. Giorgi Kvararia, Live stock and food technology specialist, Co-op promoter
- VI. Jana Emchauri, Biologist, gender and communication specialist (3 month trial)

Purpose of the meeting:

- **To receive information about the ICS set up, activities and services provided.**

General information about the farming community in Zugdidi District.

The ICS office has internally divided the district in 4 zones - 3 rural zones with 10 farming villages each and 1 urban zone with the food processing in Zugdidi Municipality. Each zone is served by one appointed ICS specialist. The ICS team arranges, in cooperation with the village authorities, farmer meetings with different themes/topics 3 days per week. The meetings last for a couple of hours and recent themes have been the agricultural cooperative movement, the MoA Support program for small farmers and the subsidized credit schemes.

Office set up and staffing

The ICS Zugdidi office set up in March 2013 was initiated by a i) Application phase for all the 6 staff positions ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and iii) interviews of a number of persons by Ministry of Agriculture staff. The selected staff went through a 3 month trial period and the initially recruited crew has except 1 person all been working from the start up. The team seems to have a good spirit, relatively broad competences - not only in the agricultural sphere - but also in management and communication.

The unofficial office budget is decided at Ministry of Agriculture level and covers mainly staff salaries, purchase of a small 4WD car, fuel funds for field visits and costs for office supplies (received on request). As ministerial employees are the ICS team members not allowed selling services - the office has by this no other sources of incomes.

Tasks and services

The ICS office is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014
- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge ploughing campaign” for small holders 2013/2014
- Areas of cultivars and amount of live stock, poultry, pigs etc.
- Agricultural production forecasts and price monitoring at the local markets

According to the ICS management had no data collection activities taken place in the district the 4 last years and most of ICS work load has been to restore the information about land distribution and usage. The statistics are collected by the village authority staff and monitored by the ICS team randomly. The ICS staff has also developed a template for monitoring prices of almost all agricultural products in the area. According to the ICS staff is the price premium from farm gate, via traders/wholesale to retail approximately 20-25% in each step.

The data is compiled by ICS and sent to MoA last week of each month. No general feed-back from/ dissemination by MoA of the collected data but the ICS centre can retrieve specific information also from other regions on request.

Information & Consultation activities

Due to the proximity to the breakaway territory Abkhazia are many donor funded projects implemented in the region. The ICS centre seems to have a close cooperation with relevant projects in the agricultural sector by taking part in their arranged training seminars, recruit participants to arranged extension activities in field etc. The arrangement of joint agricultural cooperative information seminars is a good example of the above – only in March took 42 such meetings place.

The recently arranged methodological training under the USAID SEAS project was according to the ICS Head like an “extension eye opener” and especially appreciated by the ICS team. The ICS Head is after this seminar confident in his teams’ capability to partly and step by step take over the extension provision role the donor projects have today. The ICS Head recognizes also the activities of private extension providers/Farm Service Centres’ in the region as important – especially if their educational activities are organized and coordinated with the ICS centre.

The centre has an active dissemination of information to farmers via face book, Skype and e-mail – 113 persons were consulted through these media during February. Face book works also as an information source from other regions. The ICS team has also developed their own protocol for farmers visiting their centre - since the start of this activity in June 2013 has up till today 302 farmers visited for consultation.

Zugdidi ICS Centre development proposals

ICS team has the following proposals for the improvement of their extension activities:

- MoA funds for the development of training materials and a closer co-operation with the private extension actors for the creation of “Joint Use Centres” for “in field training”.

Zugdidi 1st of April 2014, Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 10: Information and Consulting Centre (ICC), Tsalenjika, Samegrelo-Zemo Region

Notes from meeting with the “Information and Consultation Services”(ICS) in Tsalenjika.

Met with:

- I. Nugzar Kalandia, Head of ICS Tsalenjika,
- II. Valeri Chanturia, Agro-Economist
- III. Valeriane Kvaratskhelia, Agronom
- IV. Shorena Torua, Live stock specialist (Veterinarian)

Purpose of the meeting:

- To receive information about the ICS set up, activities and services provided.

General information about the farming community in Tsalenjika District.

The district consists of 14 communities with 33 villages and previously dominated by collective farm tea production. According to the ICS team is the soil in the district not so productive but suitable for tea and hazelnut production and there are now 970ha left for tea production whereas some 4,000ha gradually has been transferred to the more profitable hazelnut plantations. Other crops in the district are shurma, corn and kiwi. The amount of pasture land is low and the livestock herd are grazing in the upper parts of the region in summer and in Black Sea areas winter time.

Office set up and staffing

The ICS Tsalenjika office set up in March 2013 was initiated by a i) Application phase for all the 4 staff positions ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and iii) interviews of a number of persons by Ministry of Agriculture staff.

The selected ICS staff has all been working from the office set up and seems to have both an adequate agricultural education and practical experience. Individual job descriptions are developed according to the tasks outlined in the Ministerial Decree for the ICS centres. The team has weekly sum up and planning meetings and makes also quarterly planning programs.

The ICS centre office is located in the centre of the Municipality, reasonable well equipped with sufficient workplaces but with just 1 outdated computer and internet connection via USB-stick.

The unofficial office budget is decided at Ministry of Agriculture level and covers mainly staff salaries, purchase of a small 4WD car, fuel funds for field visits and costs for office supplies (received on request). As ministerial employees are the ICS team members not allowed selling services - the office has by this no other sources of incomes.

Tasks and services

The ICS centre is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014
- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge plough campaign” for small holders 2013/2014

The data is compiled by ICS team and especially the production forecast statistics are monitored carefully. The figures sent to MoA last week of each month but no general dissemination of the collected data by the Ministry but the ICS centre can retrieve specific information also from other regions on request.

Information & Consultation activities

The ICS team is visiting each community for information and communication purposes approximately 3 times per month. The ICS staff makes often surveys at these meetings to find out “knowledge gaps” for trainings activities in co-operation with different donor projects in the region. So far have 23 training or demonstration events taken place with an average of some 30 participants.

The cooperative movement in the district has both supporters and opponents - ICS staff has at their arranged mobilization meetings with farmers concentrated on – “you, members, form the co-op” and “coops - a way to unite persons in good relations”.

The ICS staff is active to identify the most profitable crops for the district and has for instance made start up cost calculations for new or restructured tea plantations, set up of hazelnut or kiwi production etc. In addition to this also gross margin calculations, combined with practical training, for production of maize, nuts, tea and beekeeping. An appreciated guideline for identification, treating and prevention of live stock diseases has also been developed by the office veterinarian and several consultations per day takes place.

The machinery services in the district is provided by the Mechanizatory centre in Abasha and coordinated by the ICS office. According to the ICS staff is the provided Mechanizatory services cheaper than the services offered by the few local machinery operators. The Abasha centre runs also a demo activity on a private farm in the district for modern maize silage production.

ICS development proposals

ICS Tsalenjika team has the following development proposals for the improvement of their activities:

- Funds for the development of an ICS demo farm/plots in the district for showing new inventions to young/progressive farmers and for experience exchange
- Modern agricultural technologies training materials and a joint “ICS Cloud Library”

Tsalenjika 1st of April 2014, Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 11: Information and Consulting Centre (ICC), Akhalsikhe, Samtskhe Javakheti Region

Met with:

- I. Zaza Khutsshvili, Head of ICS Akhalsikhe
- II. Mamuka Tamaradze, Deputy Head, Agro-Economist

Staff working at ICS office but not taking part in the meeting:

- III. Aliko Kostanashvili, Agronom and Co-op promoter
- IV. Merab Naskidashvili, Live stock specialist (Veterinarian)
- V. Lia Tedoradze, Agronom and soil specialist
- VI. Lia Chaduneli, Agronom and administration management

Purpose of the meeting:

- **To receive information about the ICS set up, activities and services provided.**

General information about the farming community in Akhalsikhe District.

The district consists of 16 communities with 47 villages with some 8,600 land owners. The vast majority, 98%, of land owners has less than 1.25 ha of land and just 40 producers have more than 5ha. In the region are large infrastructure investments ongoing and sponsor of many activities and distribution of grants in the villages is British Petroleum. The agricultural production in the district is mainly characterized by potato production and live stock breeding. There is a recent investment in large slaughter and meat processing facilities in Akhalsikhe but due to the risk for over grassing and erosion is an increased livestock production in the area not optimal and the ICS team expects it to large extent has to rely on imported supply unfortunately.

Office set up and staffing

The ICS Akhalsikhe office set up in March 2013 was initiated by a i) Application phase for all the 6 staff positions ii) General agricultural knowledge test for a selected group of applicants with both theoretical and practical agricultural experience and iii) interviews of a number of persons by Ministry of Agriculture staff.

The selected ICS staff has all been working from the office set up and seems to have both an adequate agricultural education and practical experience.

The ICS office is located almost in the centre of the Municipality, reasonable well equipped with sufficient workplaces and function internet connection. The ICS centre has access to “in house” training facilities, possible to host some 20 participants.

The unofficial office budget is decided at Ministry of Agriculture level and covers mainly staff salaries, purchase of a small 4WD car, fuel funds for field visits and costs for office supplies (received on request). As ministerial employees are the ICS team members not allowed selling services - the office has by this no other sources of incomes.

Tasks and services

The ICS centre is today mainly seen as Ministry of Agriculture, (MoA), information and dissemination tool and one of the main tasks, already from 2013, is the collection of statistics in a number of areas like:

- Small farming households covered/not covered by the MoA input supply cards for 2013/2014
- Access to machinery services for the farming households in the district
- Ploughed/un ploughed areas for MoA “free of charge plough campaign” for small holders 2013/2014

The data is compiled by ICS team and figures sent to MoA last week of each month. No general dissemination of the collected data by the Ministry but the ICS centre can retrieve specific information also from other regions on request.

Information & Consultation activities

The distance out to the district villages is relatively short – not more than 30 km - and the ICS team visits villages almost every weekday. 2-3 villages are normally covered with information and consultation meetings during a workday.

Almost all district villages have taken part in agricultural co-operative awareness raising meetings arranged by the ICS team and the local authorities. Till today has some 1,700 persons received information – mainly about “how to start to work together”.

The ICS centre is actively taking part in and supporting donor funded agricultural training activities – a large share of the offices’ extension material is received this way. The ICS staff has also a close and fruitful cooperation and experience exchange with the private service provider “Rural Advisory Service” (covering almost whole Samtskhe Javakheti region).

There are few private machinery service providers in the district and the farmers are normally directed to the Mechanizatory centre in Akhalsikhe. The technique set up in the Mechanisatory centres are not always adapted to the very small scale farming in the area and lot of field work is carried out in between “farmer and farmer”

Akhalsikhe 2nd of April 2014, Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 12: Data Collection, Kharagauli ICC

Kharagauli Municipality _____ Village

Village		
Name, Surname		
Document proving land ownership		
Total Land owned (Hectares)		
Land owned in other villages		
Arable Land (Plots)		
Of Which sown		
Permanent Crops	Grape	
	Hazelnut	
	Orchards	
Yard, House and other building		
Hay Production		
Garden	Cucumber	
	Tomato	
Potato		
Livestock	Cows	
	Bulls	
	Calf	
	Buffalo	
Horse		
Swine		
Sheep		
Goat		
Beehives		
Poultry	Chicken	
	Turkey	
	and other	

Local Governor's Signature

Signature of Head of the family:

Stamp

Telephone number:

Date:

Annex 13: Price Collection, Zugdidi

Market Prices for Products Produced in Zugdidi

Item	31.01.2014	28.02.2014	31.03.2014	30.04.2014	31.05.2014
Grains, Cereal and Legume Crops					
Wheat					
Barley					
Corn					
Oat					
Beans					
Soya					
Sunflower					
Fruits					
Grapes - By variety					
Tsolikauri					
Chinuri					
Rkatsiteli					
Aladasturi					
Izabela					
Apple - By variety					
Start					
Antonovka					
Golden					
Sinap					
Champion					
Aidarid					
Brotski					
Iveria					
Banana					
Pears - By variety					
Gulabi					
Simona					
Koshki					
Gragari					
Peach					
Plums					
Cherry					
Cornel					
Strawberry					
Persimmon					
Pomegranate					
Melon					
Watermelon					
Mandarin					
Washington-Navel					
Orange					

Lemon

Kiwi

Feijoa

Hazelnut

Walnut

Almond

Vegetables

Fresh Potato

Potato

Cabbage

Beet

Carrot

Eggplant

Tomato (Turkish)

Tomato (Local)

Cucumber (Turkish)

Sweet pepper

Hot pepper

Greens - By variety

Parsley

Coriander

Celery

Dill

Green Salads

Onion

Garlic

Other

Bay leaf

Tea

Livestock Products

Poultry

Pork

Beef

Lamb

Cheese

Suluguni

Smoked Cheese

Raw Cheese

Milk

Georgian Yogurt (Matsoni)

Butter

Eggs

Honey

Wool

Live Animals

Chicken - 1kg/Lari

Annex 14: Farm Service Centre (FSC) Ltd, AGROQARTLI, Gori

Notes from the visit to Farm Service Centre (FSC) LTD “AGROQARTLI” in Gori

Met with:

- I. Giorgi Simonishvili, Owner and Director, 599 56 43 04, gogasimonishvili@mail.ru

Purpose of the meeting:

- To receive information about the FSC set up, activities and services provided.

General information about FSC LTD “AGROQARTLI”, Gori, Shida Kartli Region

- The centre was founded by Mr. Giorgi Simonishvili in 2008 through an own investment of 74,620 USD and an ADA matching grant of 41,800USD.
- The FSC was initially planned to serve some 4,000 farmers with input supply and machinery services – today is the estimated farmers served approximately 57,000.
- The FSC facilities are modern with a shelf stock of seeds, pesticides, fertilizers, veterinary inputs and small scale spraying equipment. Due to lack of space in the first opened FSC shop has a nearby second shop opened up where also a training centre is projected.
- In connection to the FSC shop are there good staff and farmer training rooms located.
- Together with the FSC input suppliers has the centre a 20 hectare orchard with different cultures for trials and demonstration purposes. In connection to the orchard is there a meteorology station for data collection to forecast disease pressures. Recommendations for pest management are sent out to the clients by SMS.
- The centre has also drip irrigation and cold storage installations for demo purposes.
- The distribution of input supply from the FSC in the region is based on subcontracted sales agents - distribution service from the FSC is also available.
- The extension training of the sales agents is in general carried out by the input suppliers like Syngenta etc.
- FSC “Agroqartli” is steadily increasing the sales of inputs - according to centres own estimation approximately 50% of the regional sales today.

FSC LTD “AGROQARTLI” opinion of the MoA Information and Consultations Services in Shida Kartli

- According to Giorgi Simonishvili very little co-operation with the MoA “Information and Consultation Services” in Gori so far but no general objection as long as fair cooperation rules exists.
- Mr. Simonishvili recommends the “Information and Consultation Service” centres to become more active in extension activities.

FAO Tbilisi 27th of March 2014

Jaba Dolidze, Irakli Toloraia & Bo Rosenqvist

Annex 15: Rural Advisory Service (RAS), Akhalsikhe Samtskhe Javakheti

Notes from meeting with “Rural Advisory Service”, RAS, Samtskhe Javakheti 2nd of April 2014

Met with:

1. Zoram Sadatierashvili, Agricultural Extensionist, 599 711 228, zura_sadatierashvili@care.org.ge

Purpose of the meeting:

- **To receive information about the business and services provided by RAS.**

Description of RAS business:

- The Rural Advisory Service, RAS (www.ras.ge), in Akhalsikhe, Samtskhe Javakheti region, was 2007 founded by Guram Jinchveladze
- RAS business idea is to provide input supply and extension to mainly potatoes growers in the region. The number of clients is steadily rising and the company staff of 15 has a business relation with more than 1000 growers.
- The company is with its 5 shops represented in 4 out of 6 districts in Samtskhe Javakheti
- One of RAS main business activities is to import high quality potatoes seeds from Agrico (www.agrico.nl). RAS is not yet an official representative of Agrico - although the trust between the companies has increased - is the purchase of seed on commercial but “flexible” terms
- The business started in small scale with demo plots with different seed potatoes and became gradually a commercial activity (takes up to 3 years time for a new product).
- The amount of imported potatoes seeds has steadily increased from approximately 50 tons 2013 to some 500 tons mid February 2014. RAS is today handling 16 different varieties - both early and winter.
- RAS has a well developed database of their clients and can also assist their customers with prices, contacts and sales channels for ware potatoes. RAS is also providing price information, gross margin calculations etc for the ICS team in Akhalsikhe.
- RAS is also running a own farm on 9 ha for demonstration and trial purposes of new vegetable cultures and potatoes. This farm is by RED project selected as one out of 4 Potato Model Farms in the region. The farm has own tractor and some implements but is also buying service from the State Machinery Service Centre. Not optimal storage facilities for up to 300 tons on farm on farm today.
- The RAS farm is often used by ICS team for demonstration and experience exchange activities

Zura Sadatierashvili cooperation with the ICS in Akhalsikhe

- In general good cooperation between the 2 parties and as long as RAS can finance their extension services through the sales of inputs supplies is there “room for all”
- Zura Sadatierashvili do not mind to get financed by MoA/ICS for their demo & trial activities

Akhalsikhe 2nd of April 2014, Jaba Dolidze, Irakli Toloraia and Bo Rosenqvist

Information Consultation Service Centre

Report Template

1. Analysis of the agriculture situation in municipalities (including statistical data: number of territorial units, agriculture land, structure of sown area, production of agricultural goods in 2013, compared to 2012 data, farms, processing facilities, machinery, availability of seed and samplings, ongoing projects by NGOs etc)
2. Consultancy provided for farmers (The number of farmers and citizens asked for consultations and what is the most frequently asked questions)
3. Information regarding methodology of developing statistical data (update on statistical data collection)
4. Information regarding agriculture cooperative development
5. Information regarding spring program
 - a. developing beneficiary list (participation in process of development)
 - b. number of beneficiaries participating in program
 - c. other beneficiaries which are not participating in program (farmer who own up to 1.25 hectares and are not in the beneficiary list or did not received plastic cards)
 - d. information about obstacles of ploughing program
 - e. updates on conditions of agriculture machinery
6. Information regarding trainings and seminars
7. Main obstacles (problems) existing in municipality and ways of solving these problems (your opinion (view))
8. Obstacles to proper functioning of information-consultation service centres (internet access, material-technical base, transportation, communication with local authorities etc.)
9. Information regarding future (what is needed for better performance of service centre and what needs to be considered during future activities)

note: During report preparation do not use titles to separate various topic, instead please separate topics by moving to new paragraph. Recommended font size is 12 and not more than 7 pages long.

Reports should be sent from new email addresses to coordinators and head of the department:
k.khutsaidze@moa.gov.ge

Annex 17: Training Activities, SEAS

Strengthening Extension and Advisory Services in Georgia (SEAS): A USAID funded project implemented by the. Modernizing Extension & Advisory Services 10/15/2013 to 10/14/2015		
Major Activity	Detailed Activity	Estimated Timetable
<p>Technical assistance providers will assist MOA leadership in developing and implementing a suitable management structure and the systems, policies, and procedures necessary to support the extension system management for optimal effectiveness in reaching farmers with improved information</p>	-Confer regularly with various leaders within the MOA to clarify roles and responsibilities of extension unit employees	On-going
	-Assist the MOA in evaluating current extension operations for ways to improve internal staff communication	Summer 2014 and on-going
	-Work with the MOA to evaluate reporting mechanisms to meet stakeholder interests	Summer 2014 and on-going afterwards
	-Confer with the MOA leadership on ways to provide proper oversight and mentoring to new employees	Spring 2014 and on-going afterwards
	-Assist the MOA in designing and implementing training programs to build the capacity of extension staff in technical subject matter and modern extension methods	On-going
	-Conduct a 2-week Professional Fellowship activity which would include a visit to the U.S. by MOA leadership and extension centre leaders to study extension management systems and outreach approaches.	May 2014 & May 2015
<p>Professional development activities will be developed and delivered to municipality based information and consultation staff plus others in the Ministry who have outreach education to farmers in their job description.</p>	-Conduct 2-day workshops through-out the country covering basic topics in extension outreach methodology. Target audience would be the municipality based information and consultation staff, although MSC Extension employees could attend also	8 - 10 professional development workshops would be conducted between mid-Feb and mid-March, 2014
	-Provide written background materials on educational outreach methods to the municipality based information and consultation staff	Summer of 2014 and on-going afterwards
	-Using extension professionals from the U.S. or other nearby countries, conduct 2-week long mentoring sessions in various locations within the country based on MOA input. Target audience would be the municipality based information and consultation staff. Mentors would work individually and in groups with municipality information & consultation staff while they actually are working with and delivering information to farmers during the growing season	Two sessions would be conducted in each of the timeframes of May-June 2014 and May-June 2015
	-video support and other information and computer technology approaches to delivering information to farmers and farm groups will be	Summer 2014 and afterwards

	presented to municipality based staff	
	-With approval of the MOA, conduct personnel management training/team building for municipality office team leaders	April 2014
Major Activity	Detailed Activity	Estimated Timetable
Increase the technical subject matter knowledge of municipality based information & consultation staff and others in the Ministry responsible for transferring knowledge to farmers.	-Conduct one-week specialized subject matter workshops with a mixture of class time and field work, as appropriate for the commodity or activity. Target audience would be the municipality based information and consultation staff who are specializing in the subject matter being taught or the subject matter being taught is relevant to a major income source for the municipality. The subject matter topics selected will be in collaboration with MOA interests and the needs of the local municipality based staff.	Two one-week sessions will be conducted between 15 March and 15 April, 2014, tentatively planned for livestock and rangeland. Three more sessions would be held in each of November 2014, & February 2015 on other topics
	-Conduct irrigation technology workshops after World Bank project on water distribution is implemented	Spring/Summer 2015
	-Develop and/or distribute videos on various production technologies and marketing processes that could have dual role of adding knowledge to MOA staff but also could be used by farmers	Fall/Winter 2014/2015

Brief on Legal Entity of Public Law (LELP) the Scientific Research Centre for Agricultural Development

Introduction

The LEPL, Scientific Research Centre for Agricultural Development, was created by the Decree of the Government of Georgia # 162 on February 13, 2014. Subsequently, by the order the Minister of Agriculture of Georgia dated by February 25, 2014, the Charter of the Centre was approved. Organizationally, the Scientific Research Centre for Agricultural Development is the subordinated to the Ministry of Agriculture.

Mission Statement

The Centre's mission is to promote agricultural development and food production, research and introduce new technologies and extension programs for the wide farming community of Georgia. The Centre's activities are also focused on services related to risk assessment in food safety, veterinary, and plant protection services. Considerable resources of the Centre are devoted to promotion of bio farms and agro-bio-diversity, as well as preservation of native plant varieties and animal breeds. The Centre is uniquely positioned to autonomously reach out the broad farming community of Georgia and collaborate with local and foreign educational institutions in its attempts to promote development of agriculture of Georgia. The Centre's mission is to directly apply a wide range of services in plant and animal husbandry, as well as full package of laboratory services at the individual farmer level.

The Centre's facilities and assets

Scientific Research Centre's facilities are located in the areas outlined below:

- 4) National Centre for Grapevine & Fruit Tree Planting Material Propagation, Village Jigaura, Mtskheta District, Mtskheta-Mtianeti Region
- 5) Research and Trial Facility, Village Tsilkani, Mtskheta District, Mtskheta-Mtianeti Region
- 6) Demonstration Plots for Potato in Akhalkalaki, Samtskhe Javakheti Region

The Centre's assets comprise of advanced technological mechanisms such as grafting rooms, automated cold storages, stratification and fumigation rooms, greenhouses, equipment for plant thermal treatment and disinfection. The aggregates for soil cultivation, mulching, integrated pest management, and green plant operations are also under centre's disposal. The centre can provide tailor-made services to the interested parties by utilizing a satellite meteorological station, laboratory for soil analysis and virus testing, and etc. In addition to applied research facilities, the centre can undertake fundamental research activities and collect and preserve native breeds and species of plants and animals.

The state budget allocations as for FY 2014 (excerpt from the State Budget):

Scientific Research implementation	6.785 million GEL
Staff Number	121
Expenses	3.18 million GEL
Payroll	1.53 million GEL
Goods and Services	1.61 million GEL
Percentage	0
Subsidies	0
Grants	0
Social Allowances	0.02 million GEL
Other Expenses	0.02 million GEL
Non-Financial Assets	3.61 million GEL
Financial Asset Growth	0
Decrease of Liabilities	0

As it can be inferred from the above table, the programmatic directions are not identified yet. The form also shows the number of personnel by which the centre should be fully staffed in 2014. The ambitious range of the Centre's activities stipulates for recruitment of a number of very highly skilled professionals, which might not be fully possible in 2014. At this stage, given the inexistence of the general strategy for extension in the country, the top priority would be to define the sustainable range of activities and potential for commercial/semi-commercial service provision, as well as options for in-sourcing and outsourcing. These will be discussed subsequently.

Organisational Structure:

The centre's activities will be deployed through the departments presented below. As it is said above, the staffing of some departments might pose serious problems due to constraints related to availability of the relevant professionals.

- a) Administrative Department
- b) Finance and Accounting Department
- c) Perennial crop research and planting materials production department
- d) Annual Crops research department
- e) Soil fertility research department
- f) Bio-agro production department
- g) Livestock and animal feed research department
- h) Integrated pest management department
- i) Seed and planting materials standardization and certification department
- j) Mechanized services research department
- k) Regions Relations and extension department
- l) Risk assessment department

The hierarchy of the departments is not provided, since the issue is still under consideration and the proper arrangement of the Centre should be understood within the broad context of extension service organization of the country, as well as abilities of the Centre itself, from the sustainability and efficiency standpoint. Currently, the Centre is in the process of identifying of the suitable facility to deploy the activities of the administrative and finance and accounting departments. Currently, the Centre's management resides in the Cartu Group building, in the Vake District of Tbilisi. The process of identification of the temporary office for the mentioned functions is underway. Subsequently, the Centre will be placed in the vicinity of the MoA, when the relevant building is renovated.

The priorities for assistance

In addition to the general assistance for extension systems, and seed certification provided under the ENPARD, assistance being provided through the Embassy of Holland to the Scientific Centre, and concentrated on three functional areas outlined below:

- 1) Optimal organizational structure and efficient resource allocation
- 2) Elaboration of standards for rootstocks and seedlings including grapes and fruits
- 3) Arrangement of laboratory for soil analysis (organizational structure)

Topic	Earmarked Budget	Proposed Actions	Notes
Feasibility of Extension System	EURO 50K	Preparation of the feasibility study focusing on (1) SC infrastructure, human resources and budget needs, (2) options for communication and information flow between HQ and field, (3) approaches to applied research priority area determination, (4) options for establishment of sustainable demo plots/ farms in the frame of PPP	Wageningen University - exploratory mission
Training of Trainers (ToT)	EURO 100K	<ul style="list-style-type: none"> • Farming and post-harvest handling practices, infrastructure and services in Georgia and in countries with developed agriculture and food sector <ul style="list-style-type: none"> ○ Types of seeds and seedlings (propagation materials), land preparation, floor management, weed control (timing, frequency, dosage), measures against pests, insects and diseases (timing, frequency, dosage), fertilization (timing, frequency, dosage), irrigation, pruning, thinning/ sucker control, harvest, post-harvest handling (sorting, drying, packing, grading, etc.), warehousing, processing, greenhouse production ○ Livestock husbandry – breeding, feeding, watering, housing, etc. ○ Tools, machinery, equipment, and infrastructure used during farming, post-farming handling and value addition ○ Availability and accessibility to different services (veterinary, plant protection, food safety, etc.) ○ Factors shaping followed practices in Georgia and in EU member and accession countries (legislative, institutional) • Input-output relationships - definition of stages in all major types of plant growing and livestock husbandry activities that have impact on productivity, and demonstration of the impact of followed different practices on productivity • Different approaches to the organization of sustainable demonstration plots/ farms with private sector participation and contribution, and dissemination of information • Assessment and determination of priority areas of applied research • Policy recommendations to influence positively currently 	Audience: SC, Agriculture Department, Field

		followed farming, post-harvest handling and processing practices, including behavioral change among sector participants	
Financing Instruments and Models	RaboBank – EURO 50K	<ul style="list-style-type: none"> • Review of financing instruments (benefits and limitations/ challenges/ disadvantages of key instruments for different groups and potential of application): <ul style="list-style-type: none"> ○ <u>Product financing</u>: trader credit, input supplier credit, marketing company credit, lead firm financing ○ <u>Receivables financing</u>: trade receivables finance, factoring, forfeiting ○ <u>Physical asset collateralization</u>: warehouse receipts, repurchase agreement, financial lease ○ <u>Risk mitigation products</u>: insurance, forward contracts, futures ○ <u>Financial enhancements</u>: securitization instruments, loan guarantees, joint venture finance • Different business models and applicability of different financial instruments • Gaps in legislation, institutions, etc. that prevent application of different financial instruments • Policy recommendations in regard to enabling environment on multiple levels - macro-, meso- and micro-level including institutional, legislative, policy, support services, attitudes, quality and safety standards, infrastructure, technology, value chain, financial 	Audience: Policy Department, Agriculture Department, APMA, SC

Feasibility of Extension System

Proposed Directions

- Support in implementation of organizational and technical issues relevant to extension service
- Support to economic analysis and strategic research in different sub-sectors, and information dissemination – public awareness
- Support to soil fertility improvement
- Support to the establishment of soil test laboratory infrastructure in line with international standards
- Support in development and research of/ about standards of perennial crop planting materials
- Support to the standardization of annual crop seeds
- Support to the development of seed and planting material certification system
- Support to the development of sapling production sector, and promotion of intensive sapling production technology
- Support to the dissemination of information among farmers about issues as follows: production (from land preparation and planting through harvest), IPM, irrigation and machinery services including biodynamic technologies
- Support to the improvement of livestock and poultry breeding and productivity characteristics
- Support to the development of livestock feed production
- Support to the development of biological production
- Support to the development of greenhouse production and extension of issues related to plant production in protected environment
- Support to the promotion and dissemination of aboriginal and introduced plant varieties (especially of table grapes) in different regions of the country
- Support to protection of plant and animal biodiversity
- Support to the research in production, storage and processing technologies(plant and animal origin food); support to the establishment of laboratory infrastructure
- Support to the development of cold and other types of storage facilities
- Support to the research related to risks in food, feed, veterinary and soil protection
- Collaboration with international research and donor organization in scientific research and extension
- Support to collaboration with education institutions (colleges, higher education institutions, extension centres, etc.)
- Close cooperation with agriculture cooperatives
- Publication of scientific and applied
- Support to the publication of articles in newspapers, brochures, recommendations, and technology maps
- Support to the organization of joint demonstration events
- Support to the establishment of masters programme in agronomy
- Support to the development of video courses
- Support in organization of short, specialized courses for farmers

Annex 19: ACDA Awareness Raising Campaign, ICS outcomes

Information Meetings Conducted by MoA/Information Consultation Service Centers Regarding Agriculture Cooperatives					
As of April 3, 2014					
#	Region	Municipality	Number of Territorial Units Meetings Held	Number of Villages Meetings Held	Number of People Participated / Attended
1	Guria	Chokhatauri	23	23	250
		Lanchkhuti	6	16	350
		Ozurgeti	10	10	250
2	Mtskheta-Mtianeti	Mtskheta	16	18	480
		Tianeti	8	58	1405
		Kazbegi	3	5	56
		Dusheti	2	18	104
3	Shida Kartli	Gori	13	29	324
		Khashuri	8	19	152
		Kaspi	17	17	640
		Kareli	29	19	264
4	Kakheti	Akhmeta	11	17	236
		Gurjaani	17	20	600
		Dedoplistkaro	14	14	300
		Telavi	8	8	360
		Lagodekhi	15	27	700
		Sagarejo	22	28	650
		Sighnaghi	12	13	324
		Kvareli	11	14	385
5	Kvemo Kartli	Bolnisi	6	7	215
		Gardabani	19	27	600
		Dmanisi	6	12	270
		Tetritskaro	15	25	500
		Marneuli	17	77	270
		Tsalka	5	7	175
6	Imereti	Sachkhere	9	14	252
		Khoni	11	25	760
		Chiatura	15	50	1600
		Bagdati	13	19	560
		Tskaltubo	9	24	217
		Terjola	7	71	296
		Vani	21	35	1350
		Kharagauli	3	32	70
		Tkibuli	9	32	750
		Samtredia	15	49	887
		Zestaponi	17	45	70
				Ambrolauri	6
7	Racha Lechkhumi and Kvemo Svaneti	Lentekhi	4	16	400
		Oni	7	20	80
		Tsageri	18	63	322
				Abasha	16
8	Samegrelo Zemo Svanti	Senaki	15	15	447
		Khobi	22	57	1500
		Zugdidi	17	42	331
		Tsalenjikha	14	20	305
		Chkhorotsku	7	12	330
		Martvili	9	18	375
		Mestia	8	24	368
				Akhaltzikhe	16
9	Samtskhe- Javakheti	Borjomi	11	18	900
		Aspindza	6	10	150
		Adigeni	4	10	120
		Akhalkalaki	6	8	900
		Ninotsminda	8	23	1400
				Totla	636

Annex 20: Terms of Reference, Extension Services

Food and Agriculture organization of the United Nations

Terms of Reference for Consultant ✓/PSA

Minimum number of years of relevant experience required: 1yr 5yrs 12+yrs

Name: Stephen Goss	
Job Title: International Expert on Agricultural Extension and Advisory Services	
Division/Department: REUD	
Programme/Project Number: GCP/GEO/001/EC: Capacity Development of the Ministry of Agriculture	
Location: Tbilisi, Georgia	
Expected Start Date of Assignment: June 2014	Duration: up to 42 working days, 2 x missions
Reports to: Name: <i>Dmitry Zvyagintsev</i>	Title: Junior Agriculture Policy Officer

General Description of task(s) and objectives to be achieved

The International Agricultural Extension Expert will operate under the overall operational guidance and responsibility of the FAO Representative for Georgia, overall supervision of the Lead Technical Officer (LTU) of the FAO Regional Office for Europe and Central Asia (REU), technical supervision of the REU Agricultural innovation systems and knowledge sharing officer, direct supervision and day to day management of the Chief Technical Advisor (CTA) and Deputy Team Leader (DTL) and in close collaboration with the short-term International expert on Farmer Organisations (FOs) and other international and national consultants of the Project, FAO Country Office and the Ministry of Agriculture (MoA) in Georgia.

Support in the development of extension services is focused on defining the methodologies, learning systems and the content of extension services delivery including, inter alia, agriculture related training, awareness of new technologies, farm business management, outreach extension approaches, boosting innovations, demonstration plots, soil, analysis, animal health, plant protection and food safety related training as well as capacity development on environment/natural resource management and gender issues. Related outcomes and indicators are defined within the ENPARD Budget Support Programme conditions as:

Table 1

Conditions (Extension Services)	Verifiable Indicator
(2.1) At least 30 district-level MoA centres to provide consultation and advice to small farmers, are officially established and staffed Timeline: by April 2014 (Completed)	<ul style="list-style-type: none"> • MoA decree establishing the centres • Lists of the staff working in the centres • External Review mission
(2.2) At least 30 district-level MoA centres already providing consultation and advice to small farmers, based on international standards and proven models ¹¹ Timeline by April 2015	<ul style="list-style-type: none"> • Records by centres • Reports by MoA • External Review mission
(3.4) Extension / information packages ¹² are developed for dissemination through the Agriculture Information and Consultation Centres Timeline by April 2016	<ul style="list-style-type: none"> • Availability at Information and Consultation Centres • External review mission

This support will be provided by the International Agricultural Extension Specialist, aided by the Project Policy Advisors in the MoA. The analysis of the current operations of the MoA Information and Consultation Centres (ICCs) will be already completed during April 2014 (see Condition 2.1 in Table 1, External Review).

Duties and Responsibilities:

¹¹ As reflected, in manuals such as FAO: 'Improving Agricultural extension- a reference manual' www.fao.org/docrep/W5830E/W5830E00.htm

¹² Including information packages for Seed production and Certification; Agricultural Cooperation; Livestock breed improvement; Pasture management and Farm Management

Mission 1

- 1) Desk review of the activities of the existing Information and Consultation Centres (ICCs, 59 in total, including in Ajara), subordinated to the MoA, and the activities relating to the development of extension services, including USAID (SEAS and REAP), SDC, UNDP and the Government of the Netherlands
- 2) Consultations / workshops, and support for the MoA and for ICCs on:
 - Approach to extension services:
 - o The alternatives and model for extension service provision in Georgia, based on AIS model
 - o The means of engagement with small farmers to provide for sustainable extension service development
 - Extension service provision
 - o Development of the system and methodology for: crop forecasting; market price information, and; gross margin analysis.
 - o Development of: an Extension Manual, and; identification of extension information packages.
- 3) Plan for an assessment and sector survey to be carried out by the MoA Information and Consultation Centres.

Mission 2

Following the surveying, data collection and analysis activities:

- 1) Preparation of a Strategy for Agricultural Extension Services including:
 - o Organisation and management, incl. Functional linkages with Agricultural innovation system players (knowledge providers, mediators and users); extension approaches;
 - o Services to be provided
 - o Information packages
 - o Financing (budget and extra-budgetary)
- 2) Presentation of the National Strategy for Extension Services

Qualifications

- ✓ At least a master's degree in agriculture and/or economics or related field;
- ✓ At least five years of relevant practical field experience in agri-policy development/support of agricultural extension services;
- ✓ Knowledge and experience with Agricultural Innovation Systems (AIS)¹³
- ✓ Computer literacy with spreadsheets, databases and electronic programs is required;
- ✓ Excellent communication (both written and oral) and presentation skills;
- ✓ Knowledge of Georgian rural communities is required;
- ✓ Fluency in English. Knowledge of Russian is desirable.

key performance indicators

Expected Outputs:	Required Completion Date:
<ul style="list-style-type: none"> • Economic / cost benefit analysis of Agricultural Extension Services provision • Models of Agricultural Extension Services • Crop forecasting and Price Information surveying methodology • National Strategy for Extension Services,(AIS approach, National and Regional basis) <p>Training materials, guidelines, and questionnaires for PRA and actor surveys (English and Georgian languages)</p>	<p>Mission 1 June 2014</p> <p>Mission 2 September - October 2014</p>

¹³ <http://www.fao.org/nr/research-extension-systems/ais-ff/en/> **AIS: Agricultural Innovation in Family Farming**

Annex 21: Farm Service Centres (FSC) and Machinery Service Centres (MSC)

MCC/CNFA/ADA Project

N	NAME	REGION	DISTRICT	TYPE
1	Ltd Kartlis Holding (Zaza Avalishvili)	Kvemo Kartli	Bolnisi	FSC/MSC
2	I/E Solomon Koroglishvili	Kakheti	Signagi	FSC/MSC
3	I/E Ambrosi Macharashvili	Kakheti	Lagodekhi	FSC/MSC
4	Ltd Aibolit 20 vek (Shaik Bairamovi)	Kvemo Kartli	Marneuli	FSC/MSC
5	I/E Tamaz Niparishvili	Shida Kartli	Kaspi	FSC/MSC
6	Terjola Farmers House (Ramaz Tskipurishvili)	Imereti	Terjola	FSC/MSC
7	Ltd Agro Kartli (Giorgi Simonishvili)	Shida Kartli	Gori	FSC/MSC
8	Ltd Agrosfero Gurjaani(Ioseb Dzamanashvili)	Kakheti	Gurjaani	FSC/MSC
9	Ltd Noblex (Aleksandre Ediberidze)	Kakheti	Kvareli	FSC
10	I/E Diana Kakhidze	Imereti	Tskaltubo	FSC
11	I/E Tamari (Nino Ratiani)	Samegrelo/ Zemo Svaneti	Mestia	FSC
12	Livestock Bazar (Pavle Gelashvili)	Samtskhe/Javakheti	Akhaltsikhe	FSC
13	Nektari Ltd	Imereti	Chiatura	FSC
14	Ltd Agrosharmi			FSC
15	I/E Gia Kordzadze	Kvemo Kartli	Gardabani	FSC/MSC
16	I/E Giorgi Mindiashvili	Kakheti	Sagarejo	FSC
17	I/E Mamuka Tsikoridze	Imereti	Tskaltubo	FSC
18	LLC Alva	Imereti	Sachkhere	FSC
19	I/E Lasha Giorgadze	Guria	Chokhatauri	FSC
20	I/E Kakhi Mesabliashi	Kakheti	Telavi	FSC/MSC
21	LLC Farmer's House	Ajara	Khelvachauri	FSC
22	I/E Zurab Kartvelishvili	Imereti	Vani	FSC
23	LLC Gvaza	Samegrelo/Zemo Svaneti	Senaki	FSC
24	I/E Bezhan Gonashvili	Kakheti	Dedoplistskaro	FSC
25	Ltd Agroservis Kareli	Shida Kartli	Kareli	FSC
26	Farmers House LLC	Samegrelo/Zemo Svaneti	Khobi	FSC
27	I/E Avtandil Guntsadze	Imereti	Zestaponi	FSC
28	LTD Rural Advisory Service	Samtskhe/Javakheti	Aspindza	FSC
29	Ltd Sopkimia	Kakheti	Gurjaani	FSC
30	I/E Nato Giorgadze	Guria	Lanchkhuti	FSC
31	I/E Agasi Ezoian	Samtskhe/Javakheti	Akhalkalaki	FSC
32	LLC Agrotechnocentre	Samtskhe/Javakheti	Adigeni	FSC
33	I/E Nugzar Kiladze	Shida Kartli	Khashuri	FSC

USAID/CNFA/AMP Project

N	NAME	REGION	DISTRICT	TYPE
1	Ltd Alaverdi	Kvemo Kartli	Marneuli	MSC
2	IE Gonashvili	Kakheti	Dedoplistskaro	MSC
3	Ltd Laba +	Samtskhe/Javakheti	Akhaltzikhe	MSC
4	IE Nakhutsrishvili	Shida Kartli	Kareli	MSC
5	Ltd Mamuli 96	Kvemo Kartli	Gardabani	MSC
6	IE Petriashvili	Kvemo Kartli	Tetritskkaro	MSC
7	Ltd Dorani	Kakheti	Akhmeta	MSC
8	Ltd DVPlus	Kvemo Kartli	Bolnisi	MSC
9	IE Tvaliashvili	Shida Kartli	Gori	MSC
10	Ltd Geonut	Samegrelo/Zemo Svaneti	Senaki	MSC
11	Ltd Agronominali	Kakheti	Signagi	MSC
12	Ltd Alva	Imereti	Savkhkhere	MSC
13	IE Londaridze	Samtskhe/Javakheti	Aspindza	MSC
14	IE Aroshidze	Kakheti	Gurjaani	MSC
15	IE Lursmanashvili	Imereti	Zestaponi	MSC
16	IE Mikiashvili	Racha/Lechkhumi	Ambrolauri	MSC
17	IE Gamkrelidze	Guria	Ozurgeti	MSC
18	Ltd Daviti	Kakheti	Lagodekhi	MSC
19	IE Kharadze	Kvemo Kartli	Gardabani	MSC
20	Ltd Ruka Mapping	Samegrelo/Zemo Svaneti	Khobi	MSC
21	Ltd Energia 777	Samtskhe/Javakheti	Akhalkalaki	

GAC (Georgian Agriculture Corporation)

N	NAME	REGION	DISTRICT	TYPE
1	Ltd Mecanizatori	Tbilisi	Tbilisi	FSC/MSC
2	Ltd Mecanizatori	Kvemo Kartli	Marneuli	FSC/MSC
3	Ltd Mecanizatori	Kvemo Kartli	Bolnisi	FSC/MSC
4	Ltd Mecanizatori	Shida Kartli	Kaspi	FSC/MSC
5	Ltd Mecanizatori	Shida Kartli	Kareli	FSC/MSC
6	Ltd Mecanizatori	Samtskhe/Javakheti	Akhaltzikhe	FSC/MSC
7	Ltd Mecanizatori	Kakheti	Gurjaani	FSC/MSC
8	Ltd Mecanizatori	Kakheti	Dedoplistskaro	FSC/MSC
9	Ltd Mecanizatori	Imereti	Zestaponi	FSC/MSC
10	Ltd Mecanizatori	Imereti	Samtredia	FSC/MSC
11	Ltd Mecanizatori	Samegrelo	Abasha	FSC/MSC
12	Ltd Mecanizatori	Racha/Lechkhumi	Ambrolauri	FSC/MSC
13	Ltd Mecanizatori	Guria	Ozurgeti	FSC/MSC

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N	Name MSC	REGION	DISTRICT	TYPE
1	Zestafoni	Imereti	Zestafoni	MSC
2	Akhaltzikhe	Samtskhe-Javakheti	Akhaltzikhe	
3	Ambrolauri	Racha-Lechkhumi Kvemo Svaneti	Bareuli, Ambrolauri	
4	Gardabani	Kvemo Kartli Region	Teletti, Gardabani	
5	Lagodekhi	Kakheti	Lagodekhi	
6	Gurjaani	Kakheti	Gurjaani	
7	Sachkhere	Imereti	Sachkhere	
8	Natanebi	Guria	Ozurgeti	
9	Khobi	Samegrelo-Zemo Svaneti Region	Khobi	
10	Sartichala	Kvemo kartli	Gardabani	
11	Aspindza	Samckhe-Javakheti	Aspindza	
12	Tsnori	Kakheti	Signaghi	
13	Senaki	Samegrelo-Zemo Svaneti	Akhalsopheli, Senaki	
14	Akhmeta	Kakheti	Akhmeta	
15	Marneuli	Kvemo kartli	Shulaveri, Marneuli	
16	Gori	Shida Kartli	Shindisi, Gori	
17	Asureti	Kvemo kartli	Tetrtskaro	
18	Bolnisi	Kvemo Kartli	Rachisubani, Bolnisi	
19	Dedoplistskaro	Kakheti	Dedoplistskaro	
20	Kareli	Shida kartli	Kareli	