



ევროკავშირი  
საქართველოსთვის

Project funded by the European Union

**SITUATION AND PROSPECTS OF THE  
APPLE VALUE-CHAIN IN GEORGIA**  
**THINK AND ACT TOGETHER**



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**BRL Ingénierie**

“A better access to irrigation and water services in Georgia. The contribution of AFD programs implemented by BRLI” (10 mn)





- Context of climate change with impacts on temperature, winds, precipitation, water availability...
- Irrigation as a critical lever for the development of agriculture
- Existing infrastructures are often in bad conditions and water service, depending on the context, might be inadequate for the development of specific crops
- Challenge to modernize irrigation systems and match the needs of the farmers
- From irrigation projects to holistic projects





- AFD and BRLi involved in the development of the irrigation sector through:
  - The preparation of a policy based loan on water resources management and irrigation to be co-financed with the ADB and the EU
  - The rehabilitation project of the Zemo Samgori Irrigation Scheme





- Rehabilitation project of the Zemo Samgori irrigation scheme







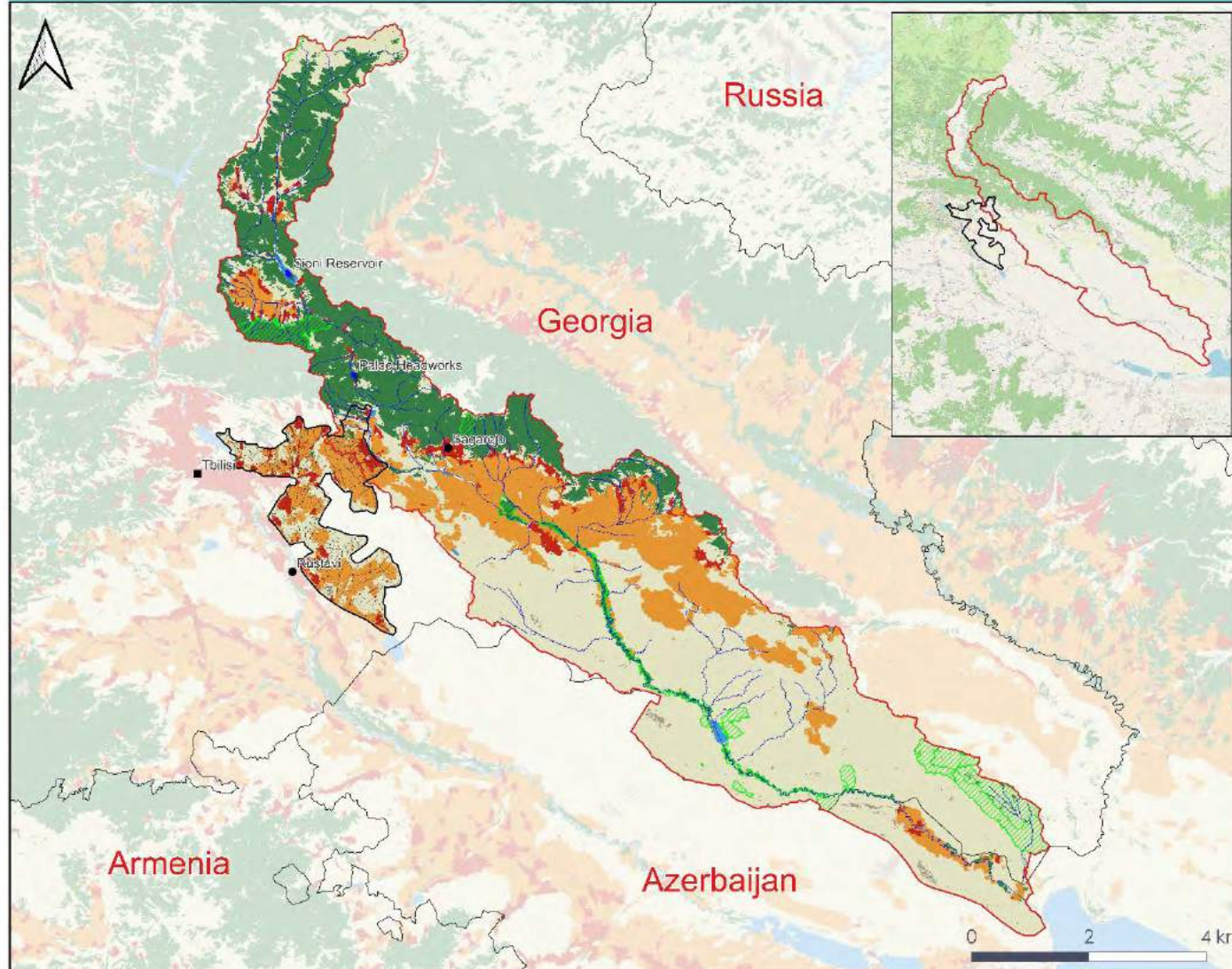
Turn a rehabilitation project into an agriculture cluster project for the Eastern part of Georgia

Shift from a focus on infrastructure to a focus on agricultural competitiveness and holistic approaches

Shift from irrigation schemes to territorial approaches

Feasibility study of the Zemo Samgori Irrigation Scheme Rehabilitation Project in Georgia - A01015

2021 Land Cover Map of Iori Watershed and Zemo Samgori Irrigation Scheme



**Legend**

- Iori Watershed
- Zemo Samgori Irrigation Scheme
- Command Area
- Iori River
- Protected Area
- Land Cover Classes**
- Water
- Trees
- Grass
- Flooded Vegetation
- Crops
- Scrub/Shrub
- Built Area
- Bare Ground
- Snow/Ice
- Clouds
- Rangeland

Source : UNEP-WCMC (Protected Planet) and Esri  
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- Irrigation is not only a question of infrastructures
  - ➔ It must serve specific objectives
  - ➔ It must match the needs of the farmers
  - ➔ It must be supported with capacity building actions
- Main idea is to support the development of a **diversity of farming systems able to make a living from agriculture**





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# Thank you for your attention!

