

ENVIRONMENTAL PROTECTION AND AGRICULTURAL DEVELOPMENT 2030

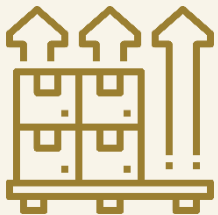


Objectives



**Self-sufficiency ratio
enhancement for food safety**

**Environmental and natural
resources protection, ensuring
sustainable development**

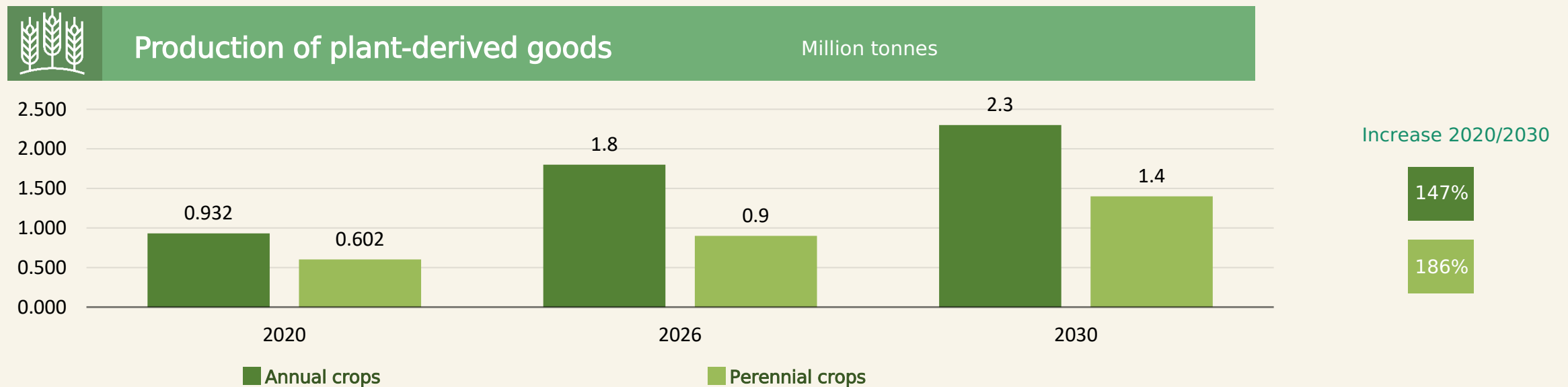
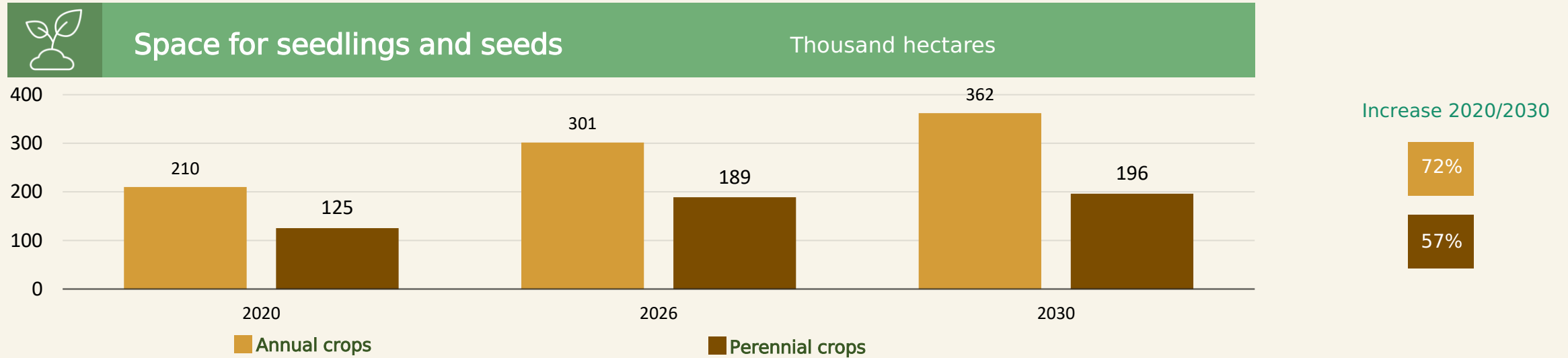


**Fostering greater utilization of
export potential for Georgia's
agro-production**

**Development of crucial institutional
capacity for enhancing sustainable and
competitive agriculture**



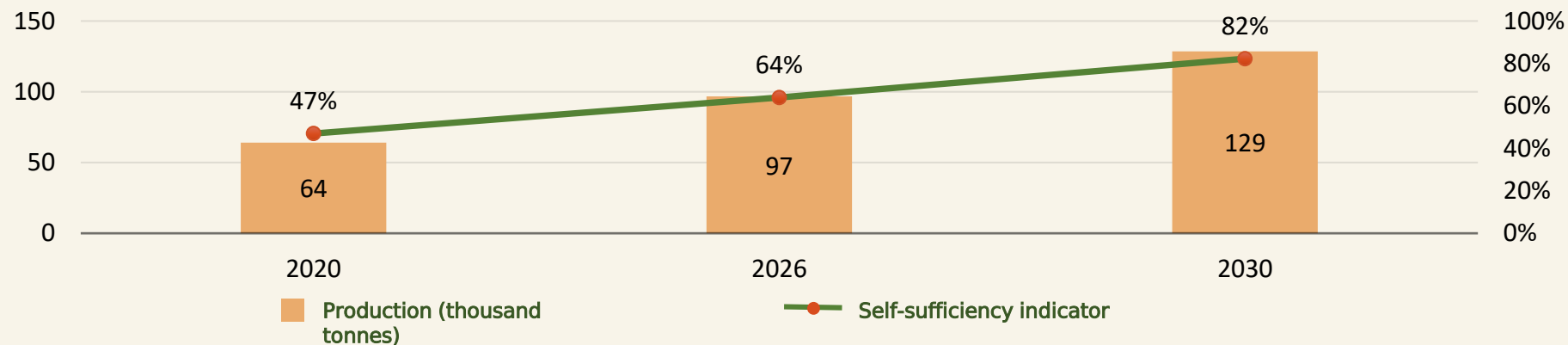
Increase of rural-agricultural production



Increase of rural-agricultural production



Per capita, pork and poultry

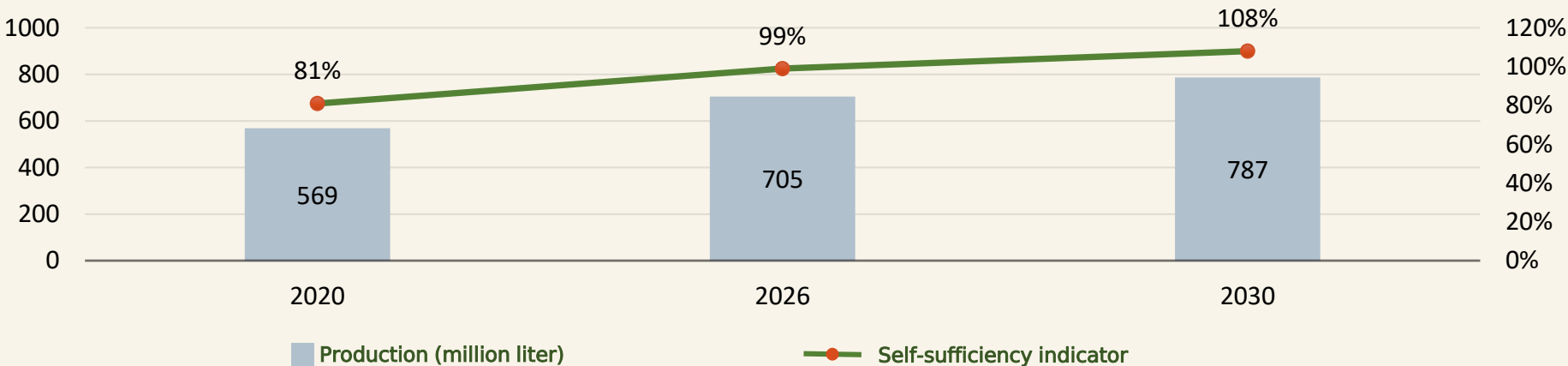


Increase 2020/2030

101%



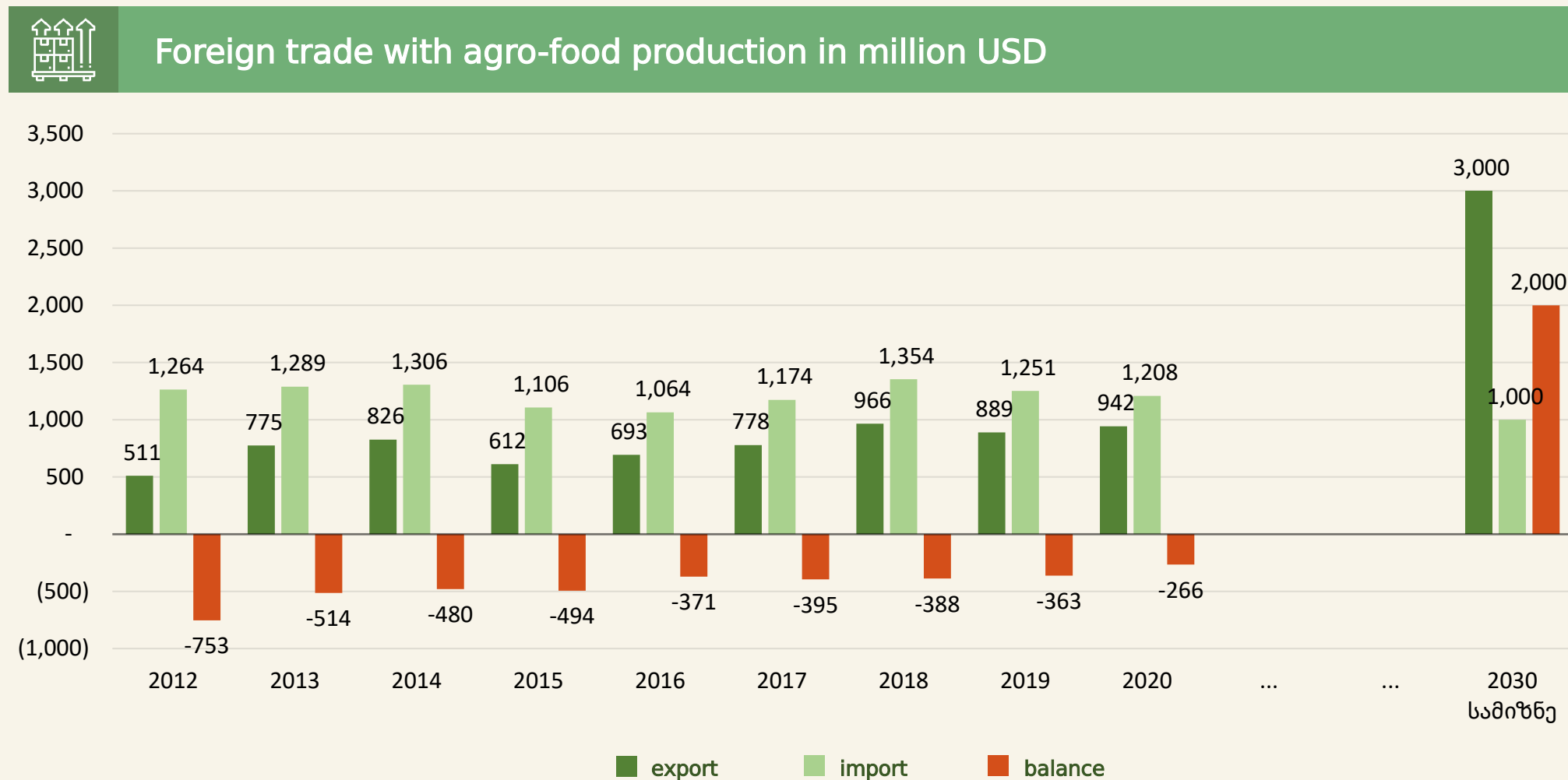
Milk




Increase 2020/2030


101%

Georgia – Neto exporter of agro-food production

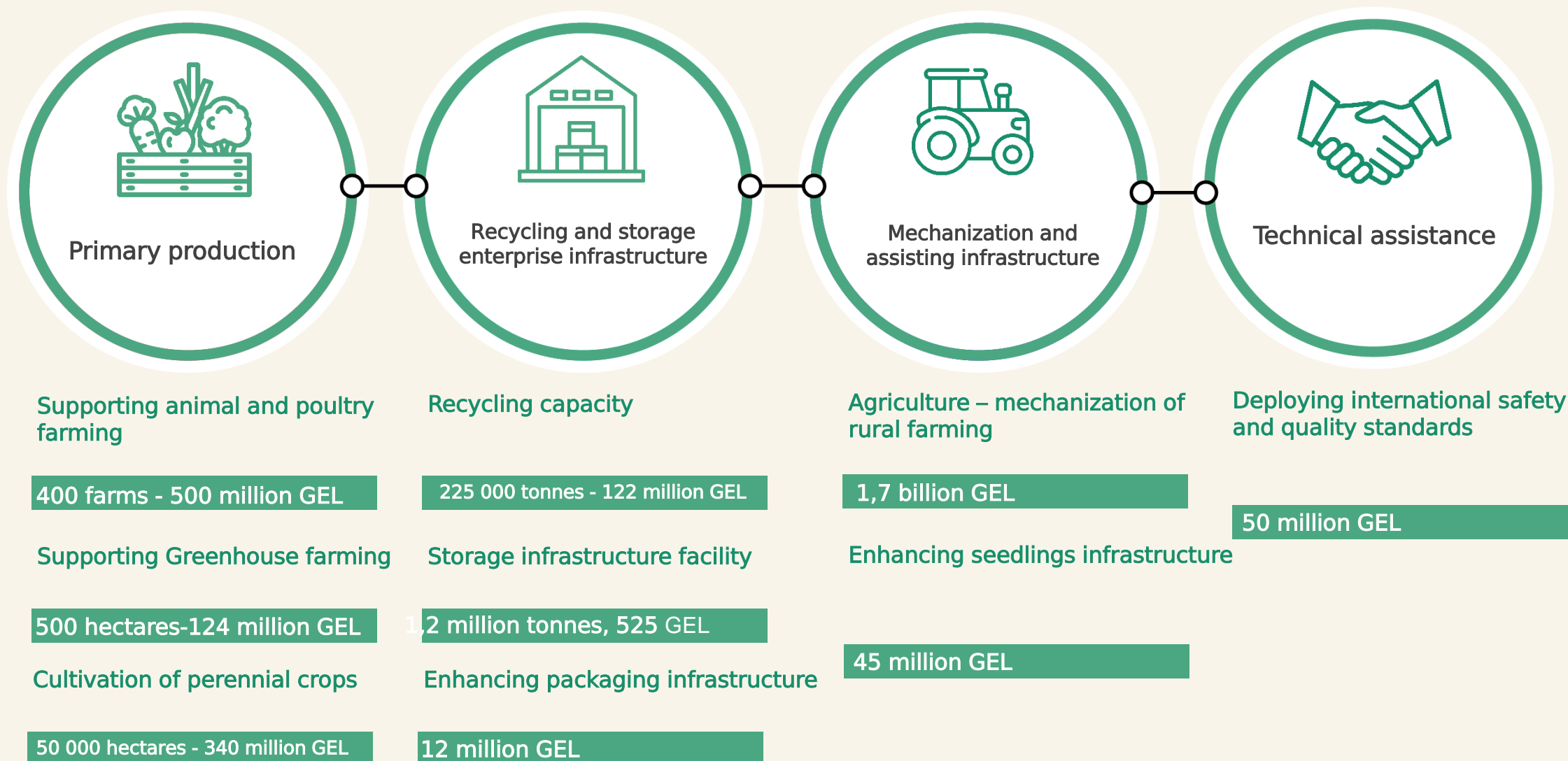


Potential for replacing export and import

 Export projection indicators	2019	2030
Wine and spirit beverages	295.7	1,000.00
New and frozen fruit	153.3	800
Other categories	440.0	1227
Total export	889.0	3,027.0

 Capacities for replacing export	2019	2020		2030	
	Production (thousand tonnes)	Import (million USD)	Import (thousand tonnes)	Additional production (thousand tonnes)	Cost (million USD)
Poultry, pork, per capita	63.2	106.9	75.2	65.4	100.5
Fish frozen	2.5	25.3	14.8	13.5	47.25
Grain	100.6	108	490.9	313.3	68.9
Corn	207.1	24.1	118.7	359.1	71.8
Vegetables	151.5	32.9	102.8	140.7	46.4
Total	524.9	297.2	802.4	892	334.9

Supporting agricultural—rural value chain



Implementation instruments



Enhancement of public resources

- Ensuring effective and flexible systems of food safety, veterinary and phytosanitary;
- Operating 13 modern standards, which are in full compliance with the international standards;
- Developing monitoring systems of rural-agricultural land resources' registry and land use.



Fostering access to knowledge and modern technologies

- Deployment of the contemporary system for seedlings materials' certification;
- Fostering preservation of agrobiodiversity of plants and animals;
- Providing all the crucial information to farmers through electronic platform (MY.MEPA.GOV.GE)
- Fostering agricultural-rural extension center at public and state sector.

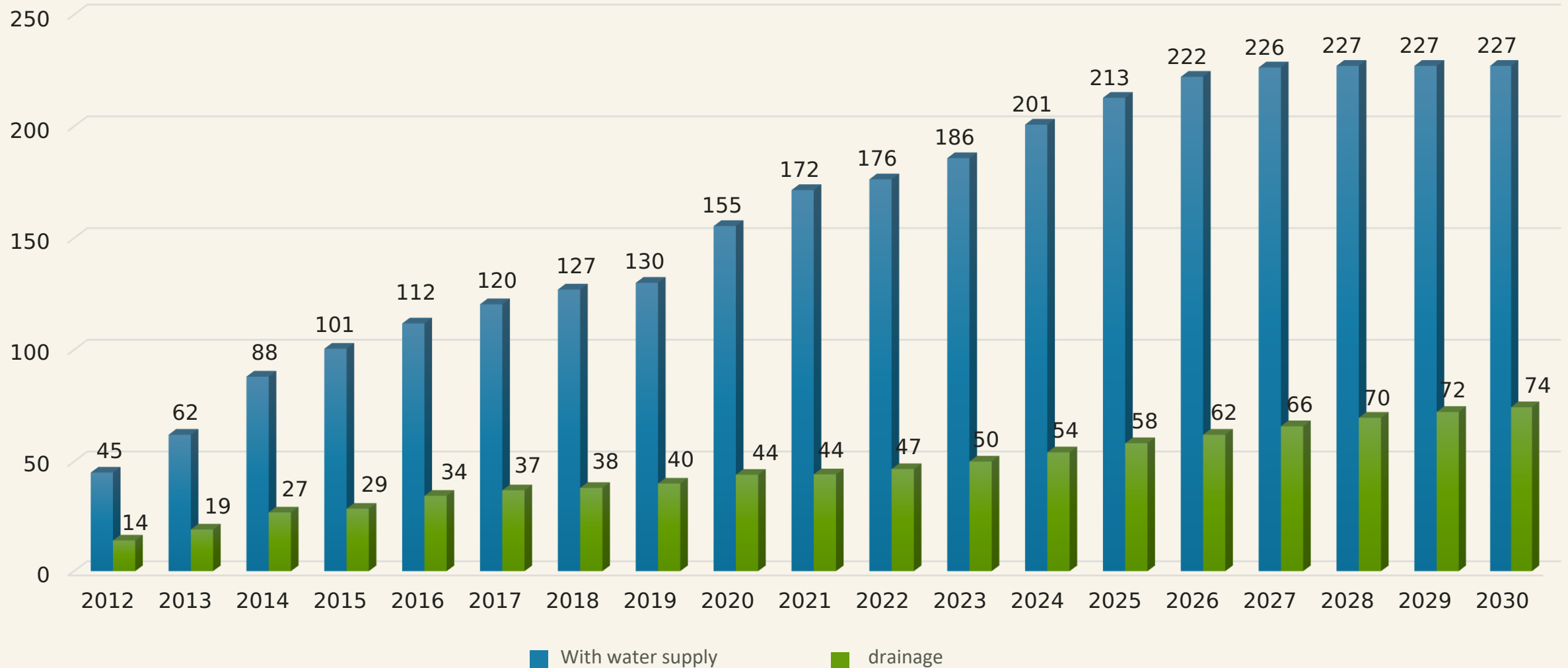


Accessibility to finances

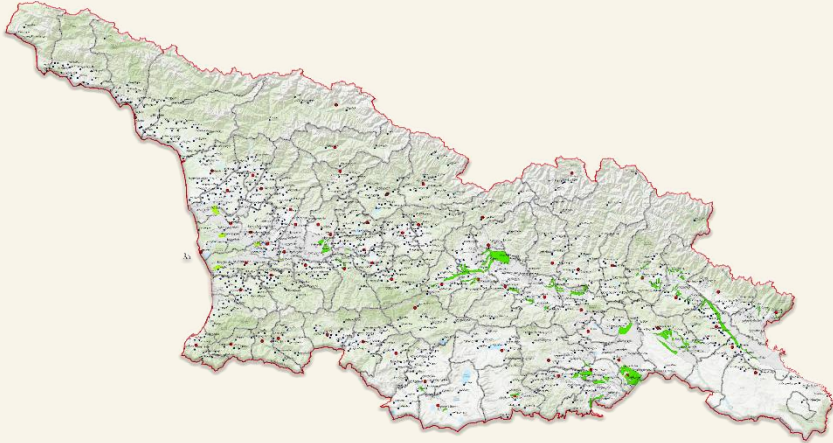
- Target grant programs to support farmers via deploying 3 billion GEL of co-funding;
- Proceeding and expanding systemic programs, which will foster accessibility to financial resources.

9 Infrastructural enhancement – hydro-amelioration

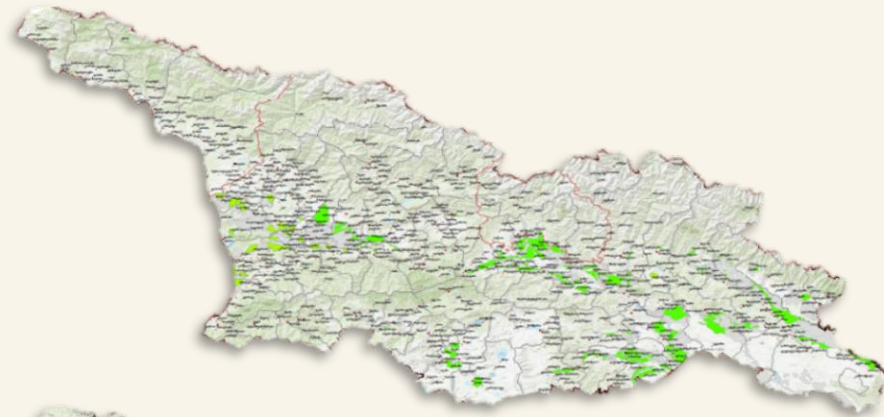
Space (thousand hectares)



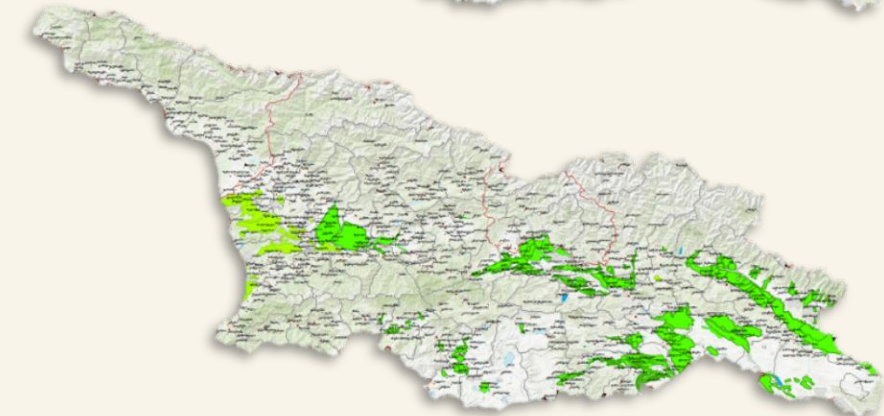
Hydro-amelioration



Territories with water supply and drained locations in 2012



Territories with water supply and drained locations in 2021



Territories with water supply and drained locations after 10-year action plan



Atmospheric air protection

Deployment of a comprehensive plan for enhancing atmospheric air quality, which will profess higher interest into eradicating air pollution problem



At urban centers of the country



Creation of more recreational and green spaces;



Tightening standards on emissions from transport and improving fuel quality;



Full renovation of the Krtsanisi Forest-Park located between Tbilisi and Rustavi.

Water resources management



Initiatives for decreasing air, water and land pollution:



Deployment of European water basin management system nationwide;



Fully updating information on quantitative indicators for water resources management.

Expansion and management of protected territories

793 351 hectares of protected territories' space increased **to 1 million hectares** and will reach 17 % of the entire country's territory



- **50%** increase in number of rangers

Number of visitors to the protected territories have increased **to 8 million people**



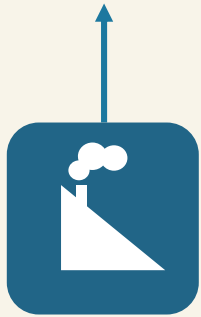
Income from the protected territories have increased at least in 5 times, **From 11.5 million GEL to 58 million GEL**



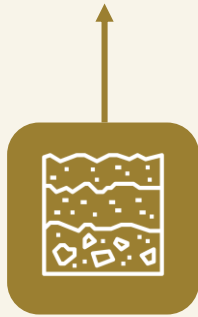
Investment and interest from the private investors toward protected territories will **increase at a minimum of three times**

Enhancing monitoring over the environmental state

Ensure air quality monitoring
at 27 stations



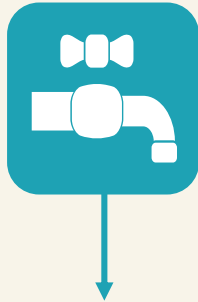
Monitoring of land pollution
at more than 70 populated
areas



Monitoring network on
underwater drinking water will
be increased to 100 units



Monitoring water
quality at more than
200 locations;



Installment of 150
automatic
meteorological, 2
meteorological radars



Ecological and economic
assessment of fish
resources



Waste management



Every municipality will deploy system of collecting separated waste



Recycling:

50% plastic waste

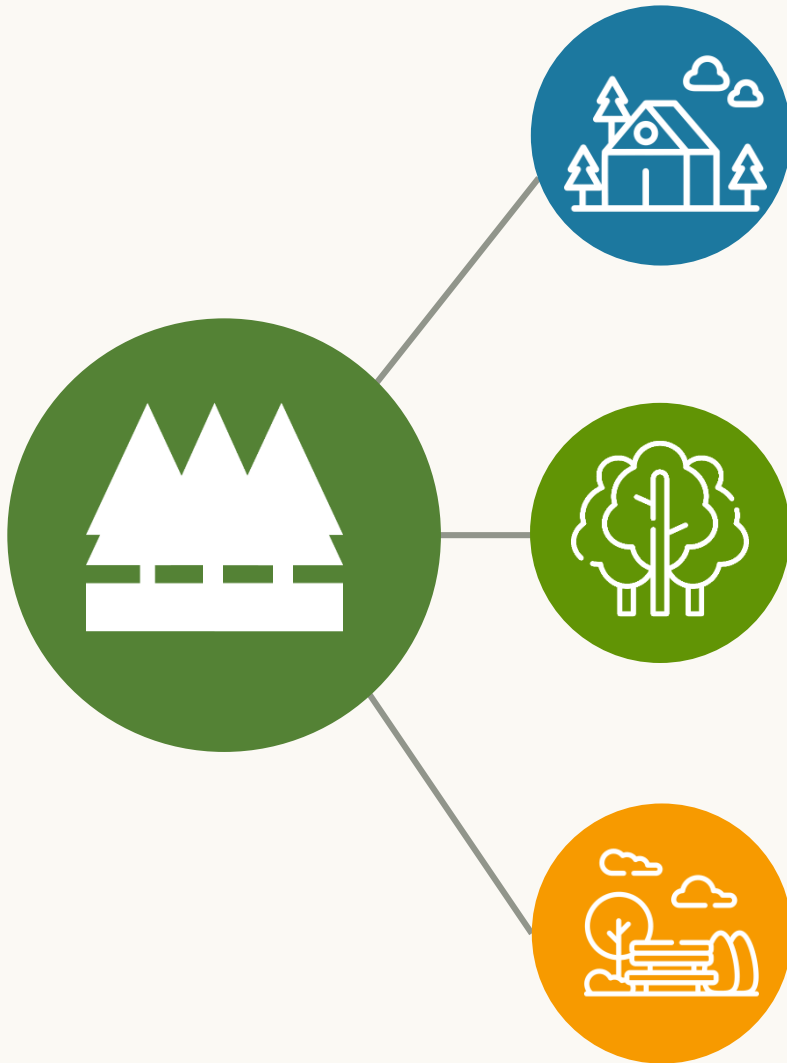
50% waste fuels

60% tyres

70% batteries and engines

75% electric and electronic appliances

Forest reform



Business yards will be expended at every region of the country, thus resulting into 91 business yards during the period of 2021 – 2023

- Fostering local employment capabilities – 546 working places;
- Simplified access to ready wood-forest (waste/remains) and decreasing transportation costs;
- Decreasing risks for illegal use.

Utilizing forests for the recreational purposes will complement as a vital aspect of rural development

Preparation and launch of intensive efforts for enhancing tourist infrastructure targeting at least 300 investment objects

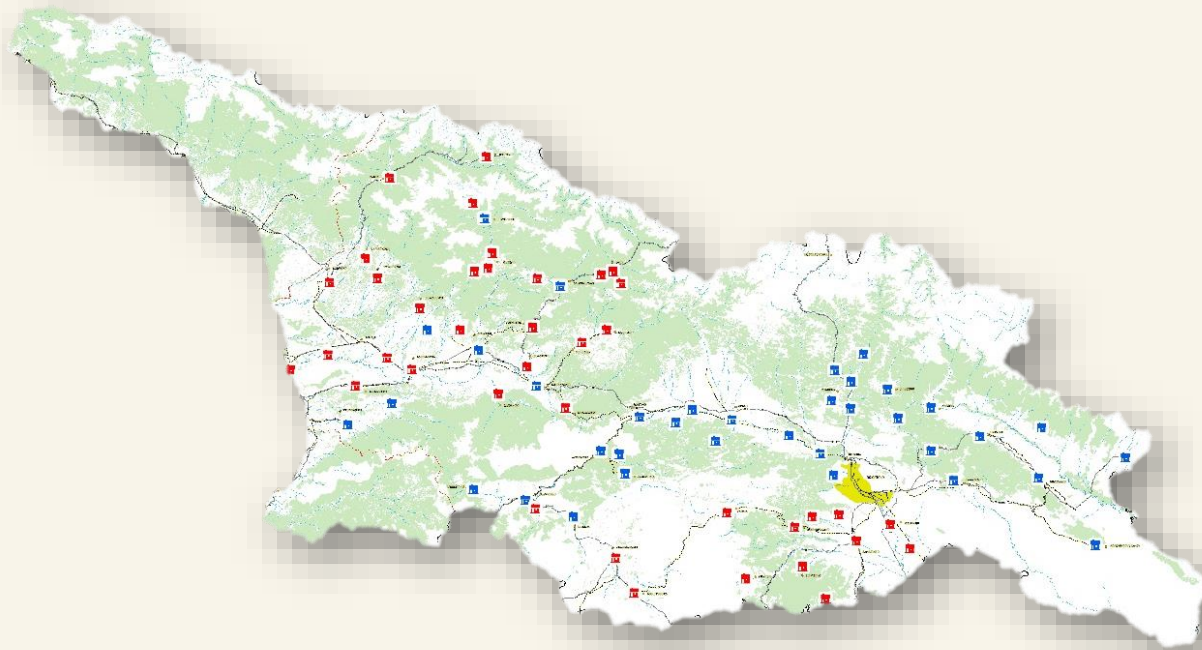
Arrangement/enhancement of forest infrastructure (forest roads, business yards)



Existing locations for storing wood-forest goods



The designated locations for storing wood-forest goods



2021-2030 period has planned the following actions:

- ✓ Arrangement of at least 140 km forest road;
- ✓ Enhancement of business yards across the country and at each region;
- ✓ 2021-2023 period to ensure arrangement of 91 business yards

Outcomes:

- ✓ Fostering local employment – 546 working places;
- ✓ Simplified access and decreased transportation costs for processed forest-wood (including the waste);
- ✓ Decreasing risks for illegal usage.

Eradicating illegal use of forests and braconnier actions



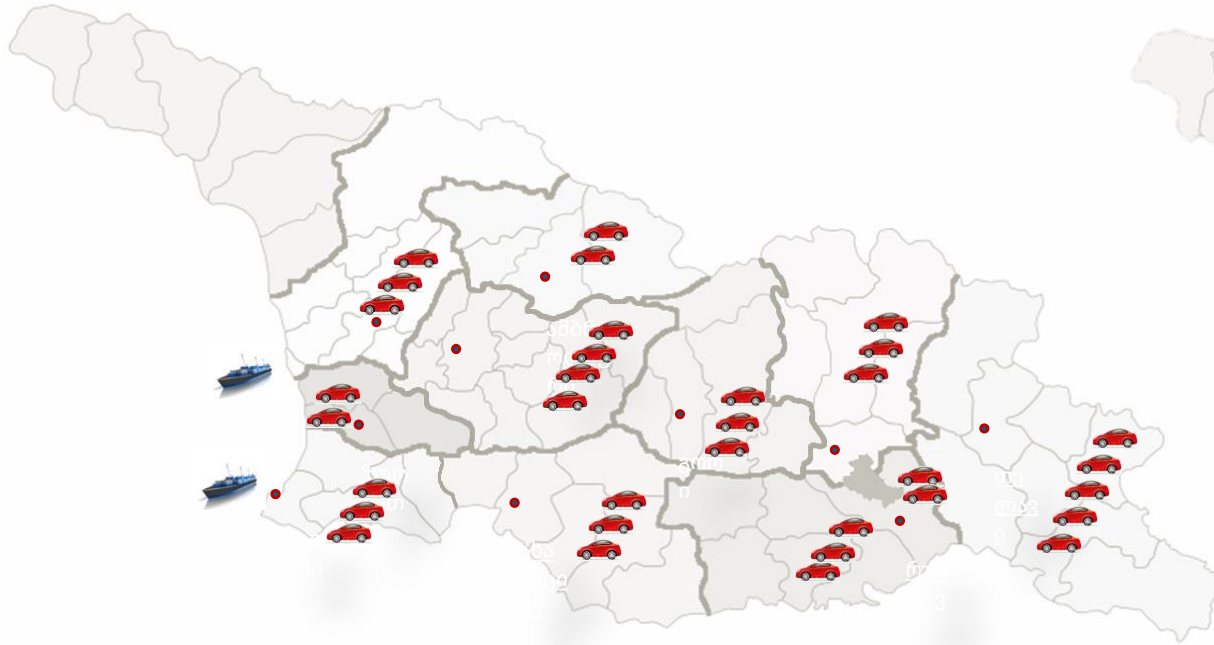
Enhancing meaningful engagement of the society into the environmental decision-making process



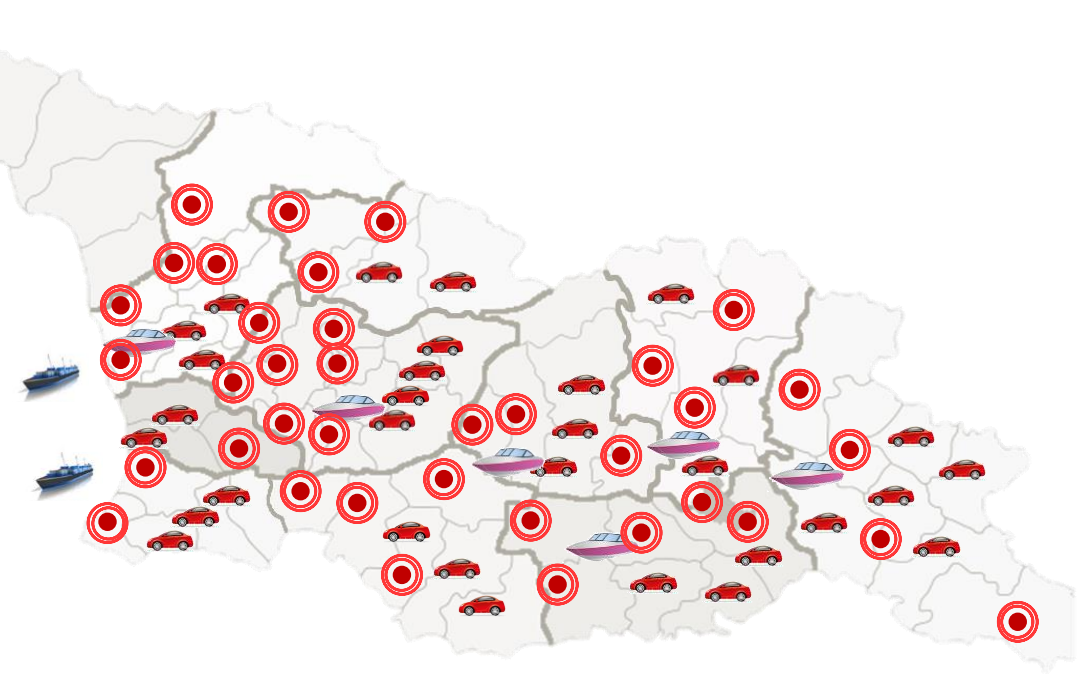
The system for an increased assessment on the affect caused to the nature will be enacted and cultivated through a public portal on environmental assessment, along with the mechanisms for ensuring on oversight over the documentation's quality



Capacity building of environmental supervision department



- 2013 year – 32 crews
- 2018 year - 64 crews
- 2021 year - 103 crews



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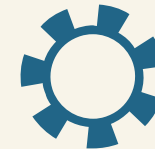
- Full coverage of operational territories;
- Effective/timely control/prevention;
- Increase of probabilities for detecting violations;
- Increase of state oversight credibility.

Climate change and policies

**Decrease of greenhouse emissions to 35 % by 2030,
in comparison to the 1990 data**
(45 million tonnes of CO₂ to decrease to 30 tonnes)



**Support climate-smart technologies toward 7
sectors of economy**





The Ministry of the Environmental Protection and Agriculture of Georgia