



# Koronivia workshop on socioeconomic and food security dimensions of climate change in the agricultural sector

Virtual – December 2, 2020

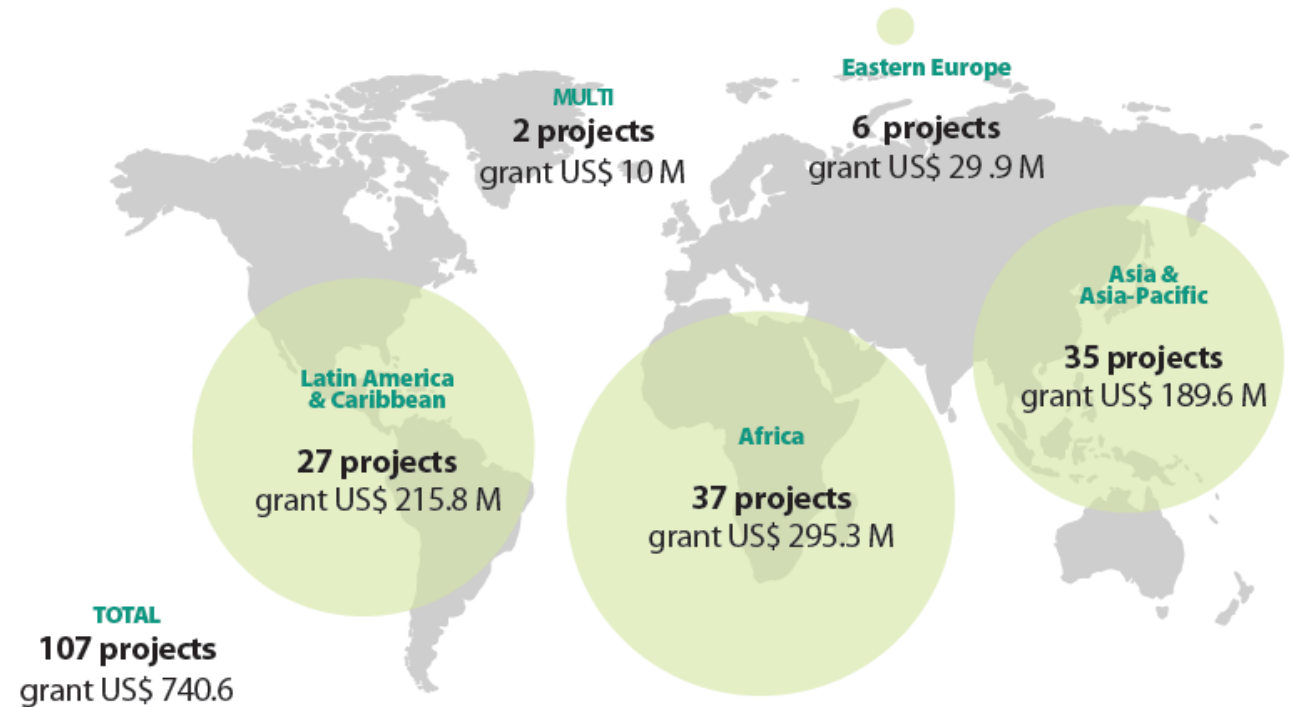
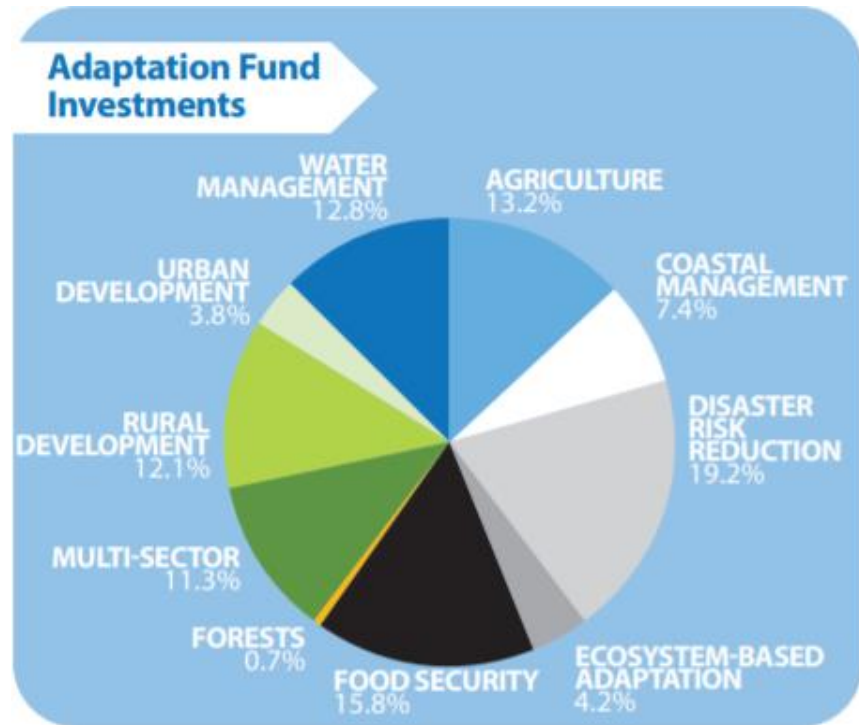
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**ADAPTATION FUND**

# More than US\$750 Million of concrete projects and programmes covering 100+ countries (Nov 2020)

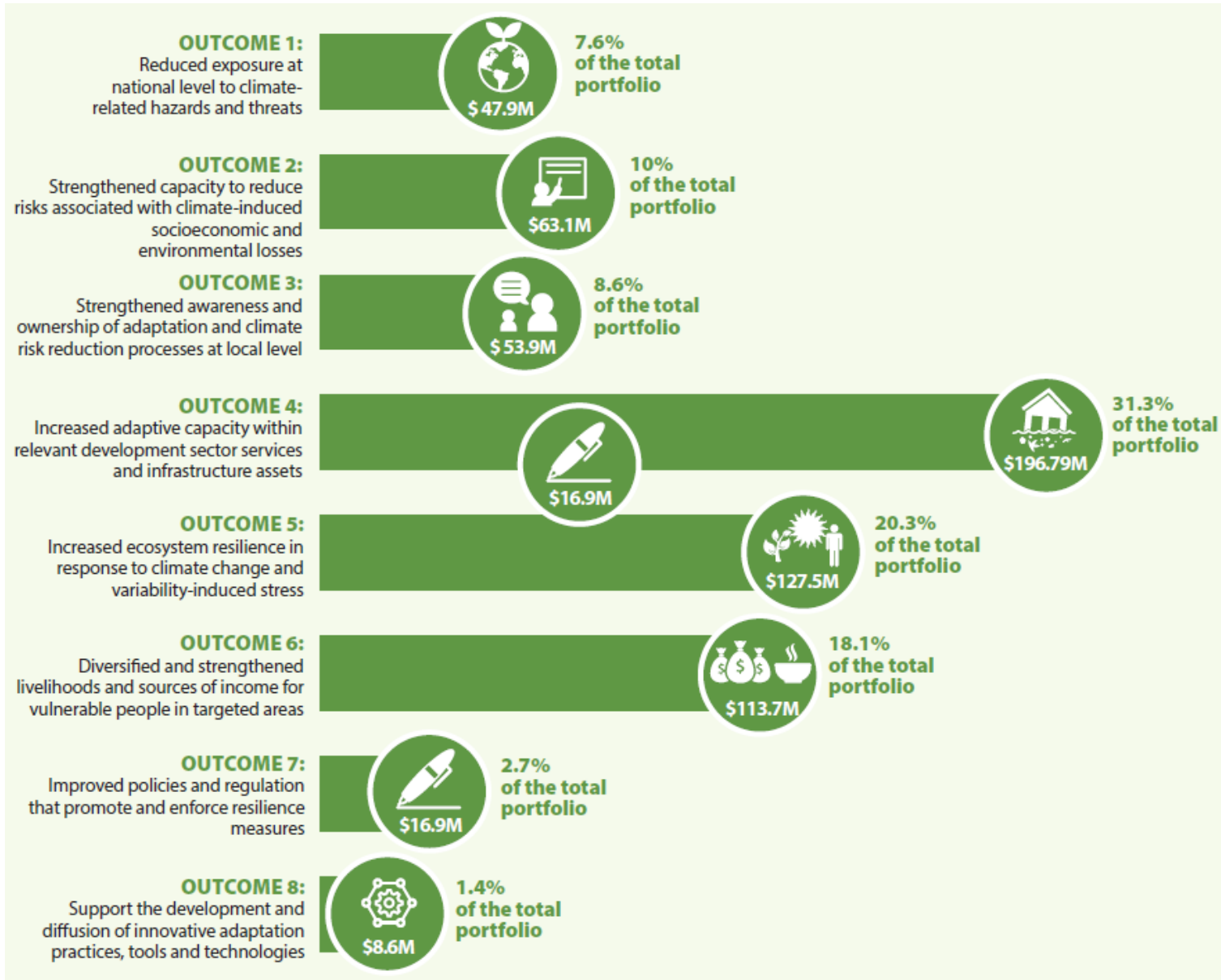


## A diversified portfolio with important support to agriculture and food security

- **About 30% portfolio dedicated to agriculture and food security** for more than \$200 million of direct support
- Other multisector investments towards socioeconomic and food security incl. **EBA, rural development, water management and forest for more than \$400 million**
- **Concrete adaptation actions** including climate resilient technologies and practices, drought tolerant seeds, improved irrigation systems, SLM, EBA, access to finance and market, EWS, smart agriculture, etc.
- **Multiple co-benefits** including achieving **SDG 2** (End hunger, achieve food security and improved nutrition and promote sustainable agriculture).
- **Other socioeconomic co-benefits** including carbon sequestration, gender equality, sustainable growth, youth employment, etc.
- **Other environmental co-benefits**



# Tracking results and benefits under the Fund's Strategic Results Framework



# Agricultural Climate Resilience Enhancement Initiative (Ethiopia, Kenya, Uganda)



## Key outcomes:

- ✓ 45,000 direct beneficiaries with increased capacity
- ✓ 30% increase in crop/ livestock yields
- ✓ 15% increase in national budgets allocated to climate adaptation activities
- ✓ 30 Community Adaptation Plans

- **Implementing Entity:** WMO
- **Financing amount:** US\$ 6.8 Million
- **Objective:** Develop and implement adaptation strategies and measures that will strengthen the resilience of vulnerable smallholder farmers, agro-pastoralists and pastoralists in the Horn of Africa to climate variability and change.
- **Beneficiaries** : Vulnerable smallholder farmers, agro-pastoralists and pastoralists in the Horn of Africa
- **Adaptation measures** : promotion of local viable knowledge and practices that build resilience to climate change; Use of climate-smart crop and livestock varieties including drought resistant varieties; crop rotation, livestock, soil and rangeland management approaches; and promoting more efficient use of land, water, energy and other inputs.
- **Co-benefits** : SDG2&13, Job creation, gender equality, etc.

# Madagascar - Promoting climate resilience in the rice sector through pilot investments in Alaotra-Mangoro region

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## Key outcomes:

- ✓ 26,000 farmers with increased resilience to CC
- ✓ 500 farmers trained with SLM and agroforestry
- ✓ 1 regional resilient rice model developed
- ✓ 5 rice varieties tested and proven resilient
- ✓ 50% increase in sustainable fertilizers
- ✓ 75% of targeted producers use resilient rice model

- **Implementing Entity:** UN environment
- **Financing amount:** US\$ 5.1 Million
- **Objective :** Increase climate resilience through increased rice production that will withstand projected climate conditions and increased environmental sustainability and ecological services in the rice sector.
- **Beneficiaries :** Smallholder rice producers
- **Adaptation measures :** Best Available Technologies and Integrated Resilient Rice Model (MIRR) implemented, enhanced agro-climatic services, sustainable land and agrobiodiversity management practices, support replication and upscaling of successful adaptation approaches, generate broader scientific knowledge on rice adaptation.
- **Co-benefits:** Improved climate and weather information, SLM, job creation, Youth empowerment

# Jordan - Increasing the resilience of poor and vulnerable communities to climate change



## Key outcomes:

- ✓ At least 4,700 farmers with increased resilience to CC;
- ✓ At least 2 EWS systems in place for water management and drought;
- ✓ 2,400 farmers registered in EWS database
- ✓ 1,317,200 m<sup>3</sup>/yr supplementary water available for agriculture
- ✓ 19,800 New Jobs related to Agribusiness in Jordan Valley

- **Implementing Entity:** Ministry of Planning and International Cooperation
- **Financing amount:** US\$ 9.2 Million
- **Objective :** Develop the sustainability of wastewater reuse activities and on-farm integrated agriculture in Wadi Mousa as a mean of climate change adaptation.
- **Adaptation measures:** Integrate reclaimed water use in fodder production; Optimization of wastewater reuse for irrigated agriculture; Integrated on-farm agriculture through the introduction of permaculture; Propagation and redistribution of endangered plant species, medical and herbal plants production and beekeeping.
- **Co-benefits:** Biodiversity conservation through sustainable agriculture and horticulture; Water management; Food security and job creation; Gender and youth empowerment; indigenous local Knowledge dissemination



## Challenges in addressing “socioeconomic and food security dimensions of climate change in the agricultural sector” and Koronivia Joint Work on Agriculture support

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Limited and unpredictable funding

Maximizing benefits requires integration of different sectors/issues

COVID19 moved priorities to health resilience (donor and recipient countries)

Initial support needed for project design and capacity building

Scaling up – needs for complementarity with other actors



# Thank You



ADAPTATION FUND

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