



INITIATIVE ON
Fragility to Resilience in Central
and West Asia and North Africa



Integrated Aquaculture- Agriculture

**Expert Workshop of Integrated Agriculture-
Aquaculture in Arid areas**

19th December 2022



RESEARCH
PROGRAM ON
Fish

Talking points

F2R-CWANA Initiative

WorldFish and IAA activities

IAA manual

From Fragility to Resilience in Central and West Asia and North Africa (F2R-CWANA) 2022-2025

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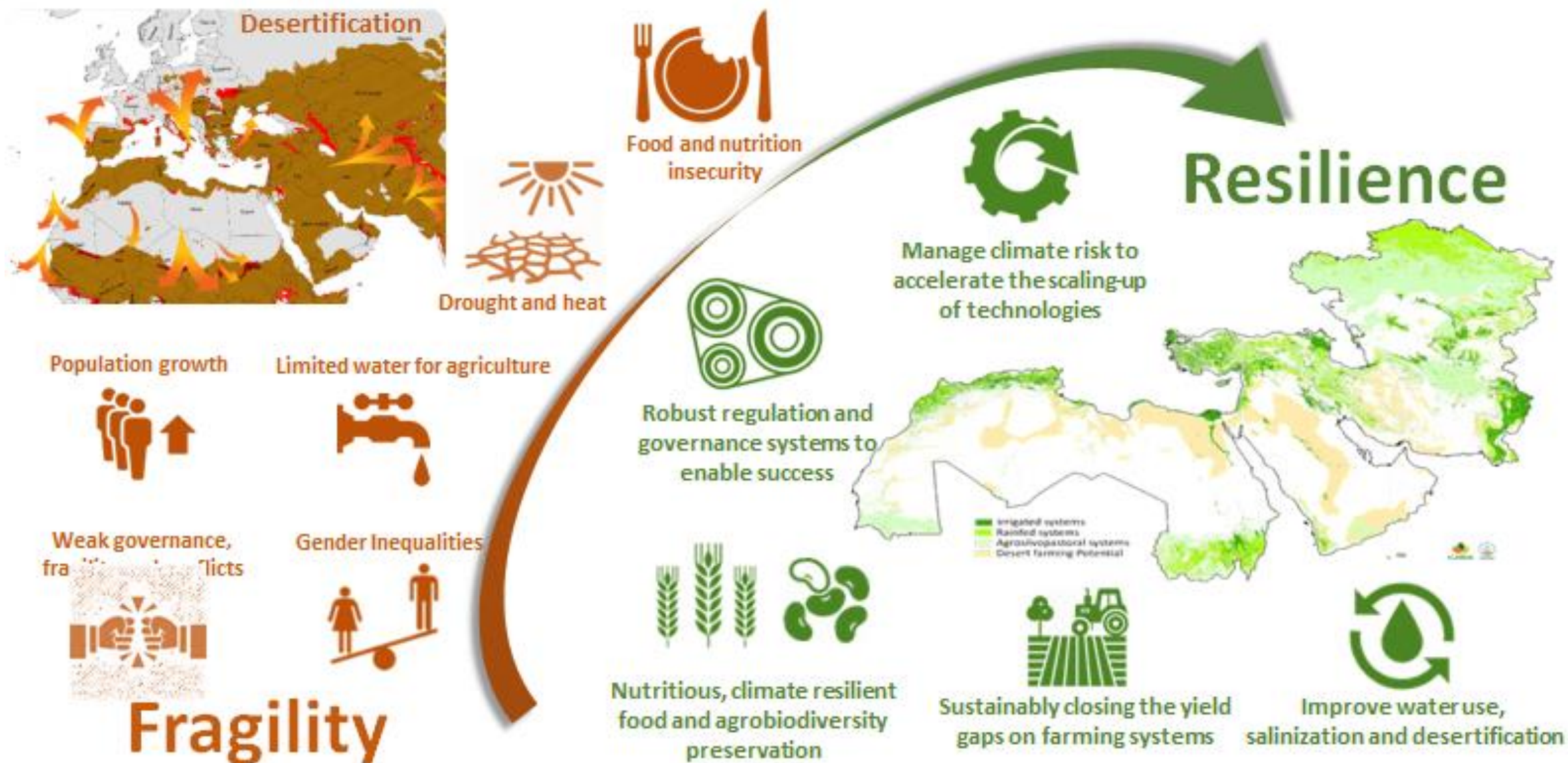
ICARDA, IWMI, CIMMYT, WorldFish
IFPRI, ABC, CIP, IRRI



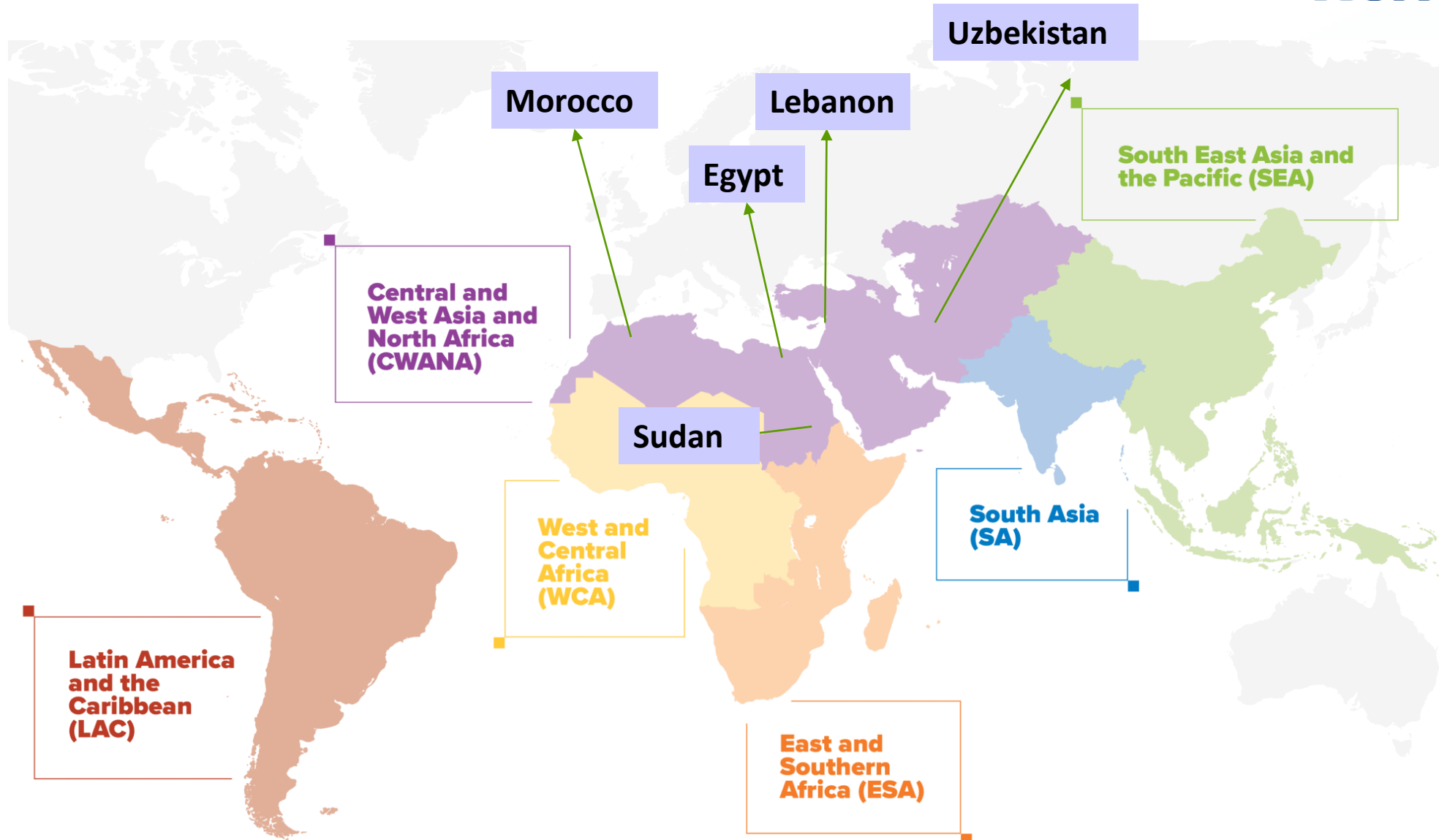
F2R-CWANA Challenges



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F2R-CWANA focus countries



WP4-Innovations

Farm to basin smart tools for water efficiency and management



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Smart tools for irrigation scheduling

Smart phone App for irrigation scheduling-
IRWI Application

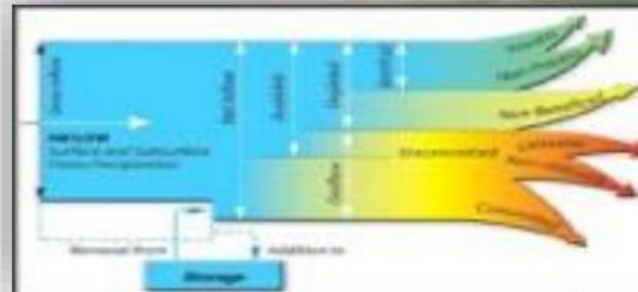
On farm water accounting

for farm monitoring and management

Basin water accounting and assessment
for basin planning and policy

Water auditing

Water governance analysis



Climate Smart Aquaculture



WP4 Outputs 2022 – Egypt



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- *Marginal and saline landscapes management demonstrated, and roadmap developed.*
- *Guidelines on the integration and scaling up of aquaculture (fish farming) and agriculture.*





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