



Disruptive technology innovation challenge for landscape restoration in the Aral Sea region (Kazakhstan & Uzbekistan)

Kazakh-German University



Objectives

- Identification of the disruptive technologies and innovation approaches
- Capacity building and knowledge sharing
- Development of better ecosystem for innovations
- Development of network of innovation technologies

Main goal: to introduce and develop innovative approaches and technologies for landscape restoration in degraded landscapes in the Republic of Kazakhstan and Uzbekistan along the Aral Sea region.



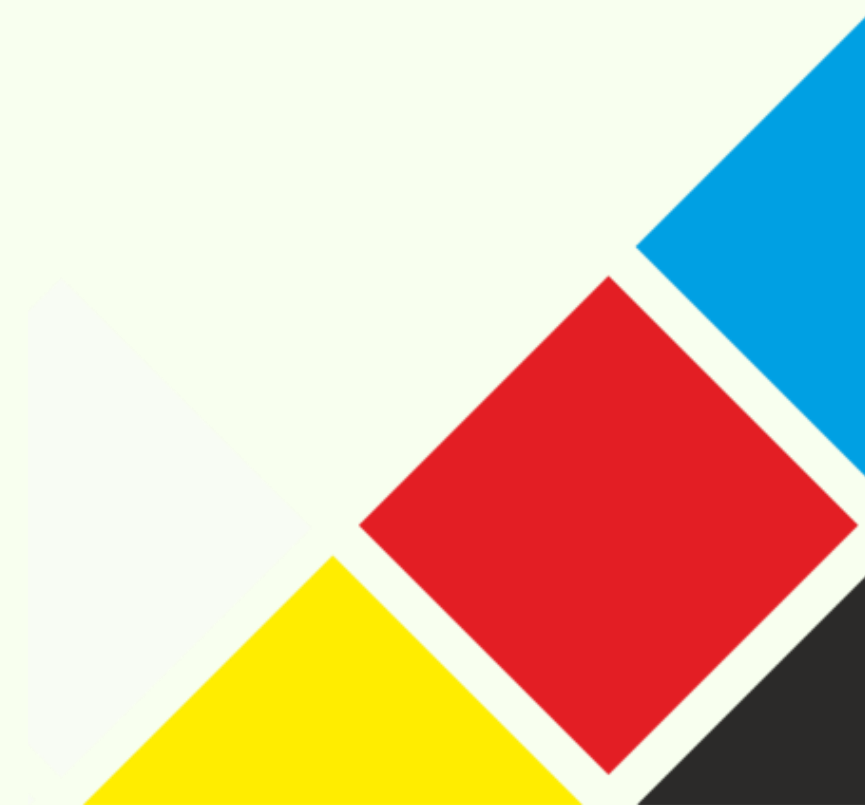
Baseline assessment

**KEY
CONSTRAINTS AND
PRIORITIES**

**MARKETING
ANALYSIS ON LOCAL
INNOVATIONS AND
STARTUPS**

**THE
INTERNATIONAL
EXPERIENCE
ANALYSIS**

***Reports on description of priority areas and needs
for attracting disruptive technologies**



CHALLENGE DAY III

February 2021
(for short-listed participants)



CAPACITY BUILDING II

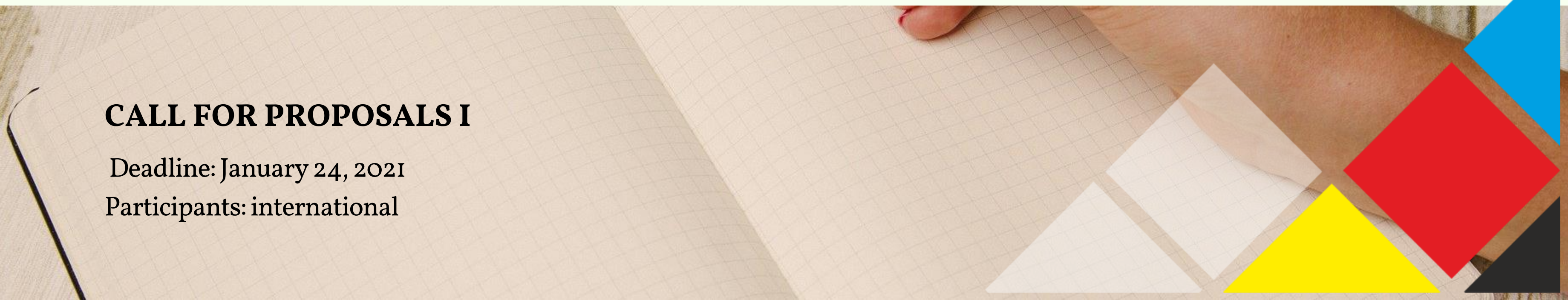
Block I Pre-challenge capacity building – open
trainings for short-listed participants (~20)
(February 2020)

Block 2 Post challenge capacity building
final winners (March – June 2021)

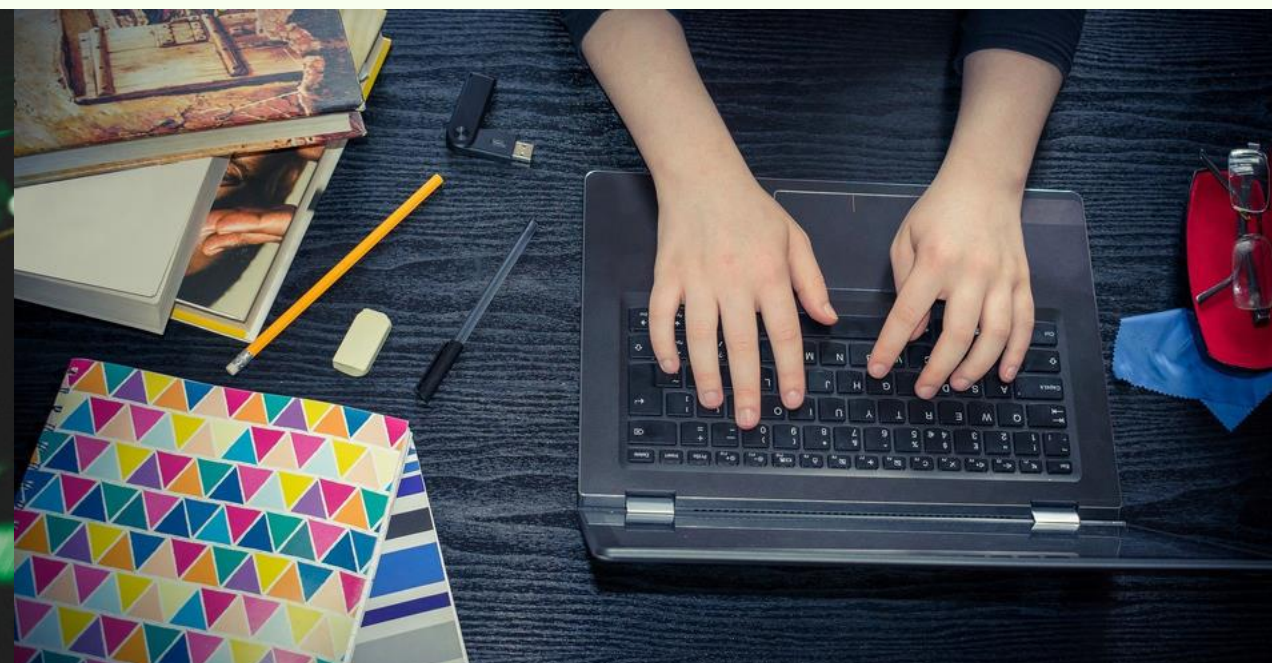
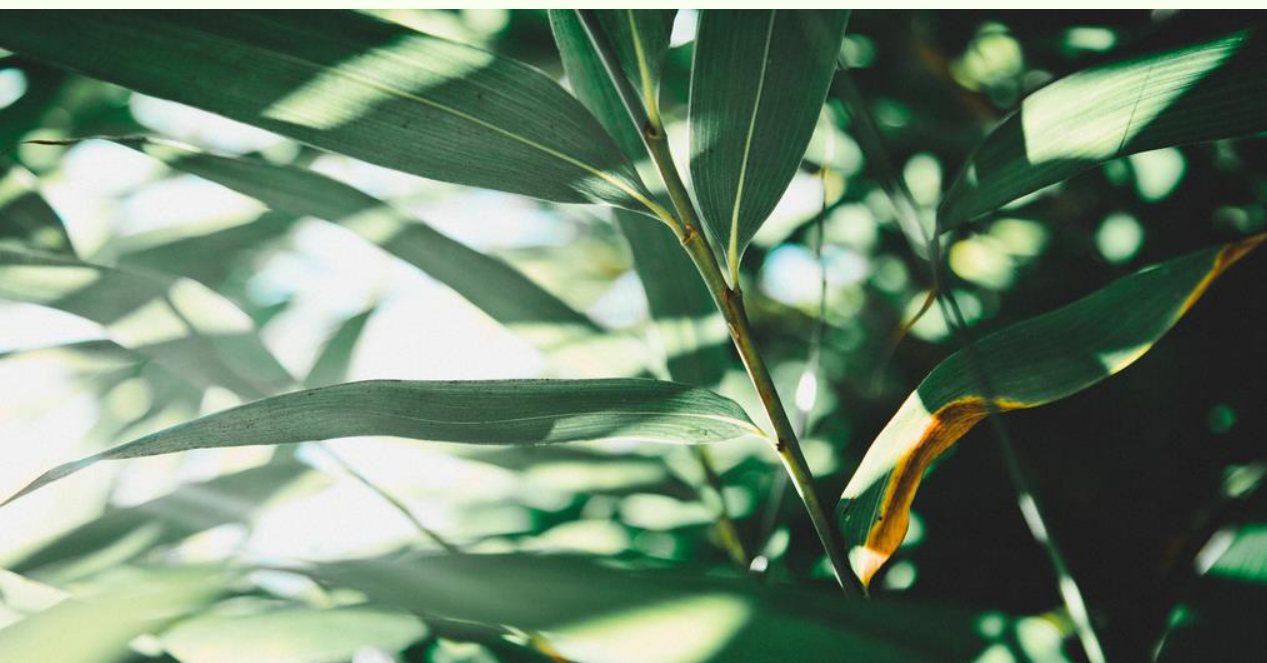


CALL FOR PROPOSALS I

Deadline: January 24, 2021
Participants: international



Capacity building 2:



THEMATIC WEBINARS

online webinars to develop thematic knowledge in this area

BUSINESS DEVELOPMENT

Webinars on business development, project management

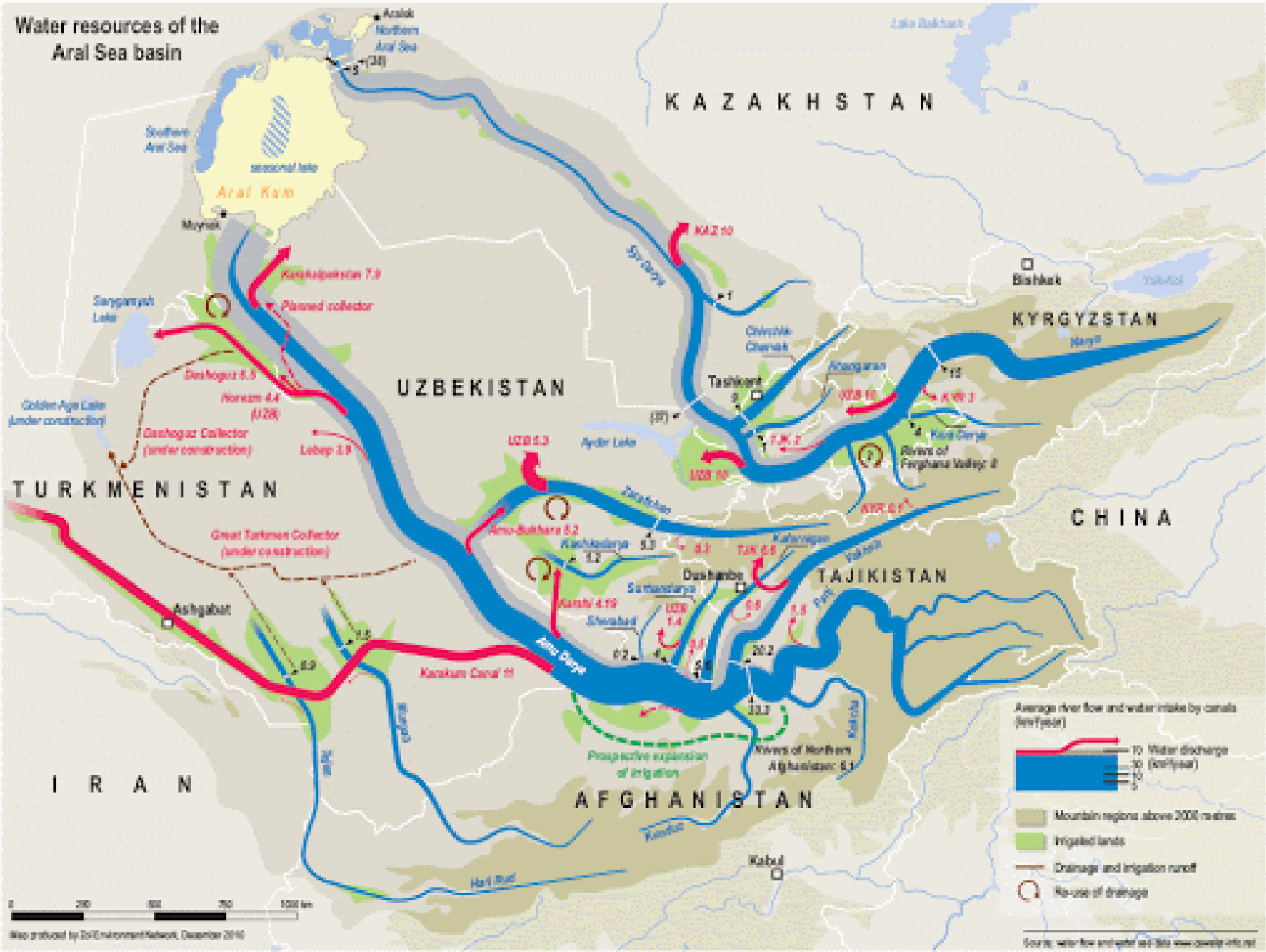
MENTORING PROGRAMME

Mentoring in business development



Recommendations

Group of technologies Directions/ Directions	Farming management technologies based by AI	Technologies of water apportioning, water saving and irrigation, including drainage water	Renewable energy technologies in ensuring energy efficiency and water availability	Introduction of new / adapted seed varieties and seed breeding bases	Technologies for rehabilitation t he natural condition of degraded lands (organic farming)
Irrigated agriculture	X	X	X	X	-
Rainfed agriculture	X	-	-	X	X
Grazing land	X	X	X	X	X
Forest	X	X	X	X	X



Further steps:



INFORMATION

for baseline assessment of
the current situation in the
Aral sea region (KZ and UZ)

DISSEMINATION

of information on Call for
proposals

JURY MEMBERS

for selection panel

TRAINERS

thematic
lecturers, trainers, speakers

INTERVIEW

participation
on video interview



Partners



**THE INTERNATIONAL INNOVATION CENTER
FOR THE ARAL SEA BASIN
UNDER THE PRESIDENT OF THE REPUBLIC OF UZBEKISTAN**



GREEN CA (Regional Environmental Expert Network of Central Asia)

DKU PROJECT TEAM



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