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**Green Bridge Partnership Programme:  
Opportunities for Regional Security and  
Development**

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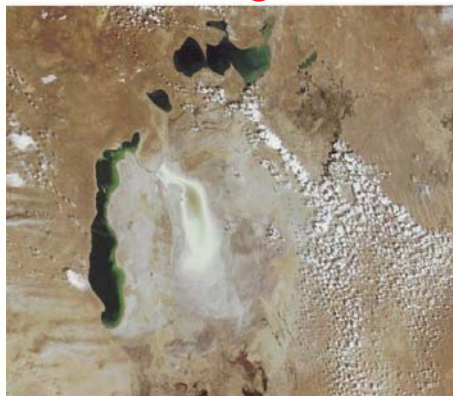
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## Why a new approach is needed

- Because existing programmes, free-market and traditional approaches have not resulted in a system change to Green Economy and Ecosystems protection
- Because natural energy resources scarcity and new technologies ready for a wide distribution
- Because the current conventional unsustainable development patterns create more more conflicts at the national and transnational levels

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## Example of unsustainable development: the Aral Sea Ecological Catastrophe



- 70-90 % of land of Central Asia under degradation
- Economical losses =45 bln. USD only in Kazakhstan
- Land degradation means poverty, migration and conflicts

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## Semipalatinsk nuclear polygon in Kazakhstan



- 470 explosions= 1000 Hiroshima's...

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## Balkhash Lake Basin (Kazakhstan-China-Kyrgyzstan)



**The biggest Lake Ecosystem in the Planet (400 000 km<sup>3</sup>) - New Aral Sea catastrophe?**

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## Caspian Sea



**68 mln. tons of oil for net exports (70% for EU)  
and no practical protection of this Ecosystem.**

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## Current status of the GBPP

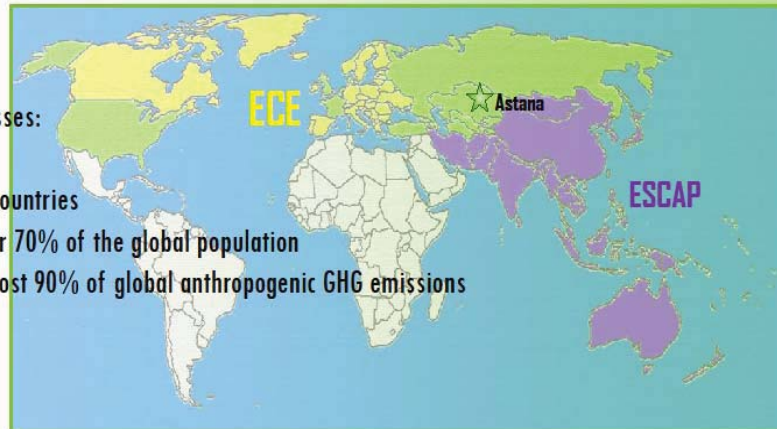
1. Initiated by Kazakhstan and adopted by the 6<sup>th</sup> Ministerial Conference on E&D in Asia and the Pacific (MCED, Astana, 2010)
2. Aimed at bridging policies & best practices in European and the AP regions, ensuring access to green technologies and developing framework mechanisms to stimulate partnership and investments (MCED)
3. The Initiative was officially supported by the UNECE Committee on Environmental Policy as one of outcomes of the next 7-th Pan-European Conference (Astana, 21-23 Sep, 2011)

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## AGBI Potential Area of Operations

Encompasses:

- 95 countries
- Over 70% of the global population
- Almost 90% of global anthropogenic GHG emissions



## GBPP objectives

To design mechanism that is capable of

- Facilitating the transition to Green Economy in both developing and developed nations
- Encouraging cooperative trans-boundary technology and knowledge transfers
- Mobilizing funds sufficient to compete with “dirty” investments, from both the public & private sectors, through the use of innovative measures
- Establishing the highest standards of transparency and accountability



## GBPP structure

- Partnership Programme 2011-2020
- Package of investment projects on Green Economy development
- International institutional and finance mechanisms
- Partnership Agreement as a legal base for a new economy and cooperation

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## Investment projects for Green Economy

- Renewable Energy and EE
- New technologies for transport and organic agriculture
- Sust. Infrastructure/ Urban development
- Eco-tourism
- Fisheries
- others

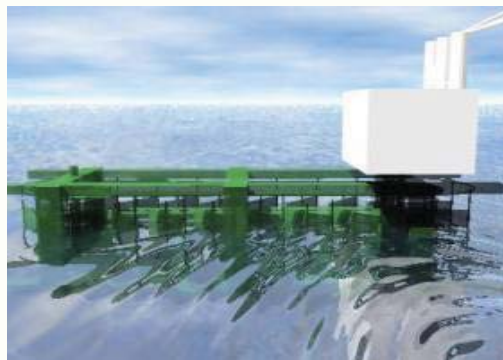
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## Renewable energy- green business potential

Countries	Hydro Electric Potential, MW	Installed Capacity, MWT
Kazakhstan	27.000	8.861
Kyrgyzstan	163.000	3.800
Tajikistan	317.000	5.090
Uzbekistan	15.000	7.278
Turkmenistan	2.000	No data
Total	<b>More than 700.000 MW</b>	42.598

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## New technologies



<http://www.artizan.ru/>

[http://www.youtube.com/watch?v=IA10wi7n\\_SQ](http://www.youtube.com/watch?v=IA10wi7n_SQ)

<http://rutracker.org/forum/viewtopic.php?t=1064984>

...and many others

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## AGBI PP IMPLEMENTATION MECHANISM

- The proposed Implementation Mechanism has, along with the Green Bridge Office, **3 key elements:**
  - A **governance** element, which is designed to facilitate international, intraregional, and interregional partnerships for the generation & regeneration of Green Growth, and be democratic, transparent, and accountable
  - A **funding** element, designed to allow the AGBI to compete with “dirty” (that is, exploitative of the environment or of people) FDI as a source of potential investment without placing massive strain on donors or heavily indebting recipients
  - An **implementation** element, designed to ensure an efficient process toward effective outcomes based around the principles of Green Growth and the MDGs

## Shareholder Agreement

- The Agreement might also specify that:
  - Every shareholder must contribute an **initial “investment,”** which is progressively scaled according to the countries’ GDP. This “investment” is refundable should the nation choose to withdraw from the AGBI
  - Every shareholder must **accommodate the operations of AGBI** mechanism within their **competition/corporations/antitrust laws**
  - AGBI Fund/SEED/Implementing Company are charities for tax-purposes, so that AGBI may receive **tax-deductible private sector donations**
  - Large-scale projects should not only benefit 1 country at a time
  - Shareholders must abide by a **Green FDI ratio**



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## The Way Forward

Short-term (1-2 yrs)	Medium-term (3-5 yrs)	Long term (6-10 yrs +)
Implementation Mechanism developed & established, Trust Fund created	AGBI Implementation Mechanism partly operational (small scale projects)	AGBI Implementation Mechanism fully operational (large scale projects)
GBO (Astana) expanded & interregional + ESCAP/ECE partnerships established	AGBI prepares for upscaling of operations, initialization of capacity building of recipients	GBO capable of handling large, intensive, & complex administrative, R&D, and capacity building tasks
AGBI negotiations → Implementation Mechanism harmonized into AGBI	AGBI shareholders increase, Coordinating Council expands	AGBI shareholders include developing & developed states from AP & EC regions
Development & Implementation of AGBI Implementation Agreement	Partnership Framework established, AGBI operations accommodated within nat. & int. legal frameworks	Green FDI ratio implemented, AGBI sets standard for other development mechanisms to follow
Research & Marketing	Standard-setting & donor recognition	AGBI PP a trusted & preferred development mechanism
<b>INITIALISATION</b> through partnership between ESCAP/ECE/Kazakhstan	<b>MICRO LEVEL RESULTS</b> → Increased credibility/support for AGBI	<b>MACRO LEVEL RESULTS</b> → Green Economy system change

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## Next steps

- to collect investment projects in the region
- to analyze best examples of green investments support and technologies
- Identify of the most efficient and transparency management structure
- to draft Partnership agreement

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Thank you for your attention and  
welcome to cooperation for Green Economy!



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