CENTRAL ASIA
Nexus Dialogue Workshop
Istanbul, Turkey, 15-17 July 2014
Identifying Nexus Solutions
Nexus Dialogue Process

- Targets for 2030
- Defining problems
- Brainstorming solutions
- Action Plan - Mobilising solutions
- Investment Grade Proposal
Brainstorming solutions

Water Infrastructure

- Policy
- Economics
- Social
- Technology
- Legal/Institutional
- Environmental
Interactions between water, energy and food

What technologies make irrigation more water efficient?

What are water storage options for farmers?

What are energy efficient water-treatment technologies?

How does watershed management help hydropower?

What ways of operating dams sustain wetland fisheries?

How can water re-use reduce food-energy trade-offs?
Identifying Nexus Solutions

• Solutions should include approaches that will make infrastructure work better across the nexus
  - Policy
  - Economics
  - Social
  - Technical
  - Legal/Institutional
  - Environmental

• The solution should have relevance across the nexus
  - Think about the benefits and costs to another sector and what would you do to compensate
  - What are the barriers and obstacles to a solution, how can they be overcome
Identifying Nexus Solutions

• For each problem, up to 5 solutions will be identified:
  – The solution should be specific
  – Is the solution feasible?
  – Is it suitable?
  – Is it acceptable?
  – Is the solution innovative?
  – Achievable by 2030
  – Sensible cost estimate
  – Is the solution already happening? See list of past and ongoing initiatives

• What the solution should NOT:
  – Create new institutions and ministries – but can build on what already exists
  – Things that require new legislation (i.e. But can develop a new regulation)
  – Have the word nexus in the solution
Prioritizing Nexus Solutions

- Vote for solutions
  - Vote for 5 solutions for each group
  - Indicate your vote using provided stickers

- Each group review the votes and select 2-3 solutions to develop further into an action plan
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Action Plan – Mobilizing Nexus Solutions
Nexus Dialogue Process

Targets for 2030

Defining problems

Brainstorming solutions

Action Plan - Mobilizing solutions

Investment Grade Proposal
Action Plan - Instructions

• The action plan will include:
  – Steps
  – Obstacle – the obstacles need to be addressed to make them part of the solution
  – Who has the mandate?
  – Which policy and framework supports mobilization

• Partnership needs to be beyond government and include private sector and civil society

• Groups can revise the solution as needed as the timeline is developed
### Action plan – Mobilizing solutions

| Solution: Affordable, efficient and sustainable power and water supply provided by Multipurpose micro dams, green technology and alternative energy sources |
| --- | --- | --- | --- | --- | --- |
| Milestones | Feasibility study | Pilot project for alternative energy | Upscaling of pilot projects across basin | Monitoring and evaluation | Upscaling to national level |
| Obstacles | Access to technologies | Land disputes |
| Who has the mandate? | - Investors | Small scale producers | Government Financial institutes |
| Which policies support mobilization? |  |  |  |  |  |