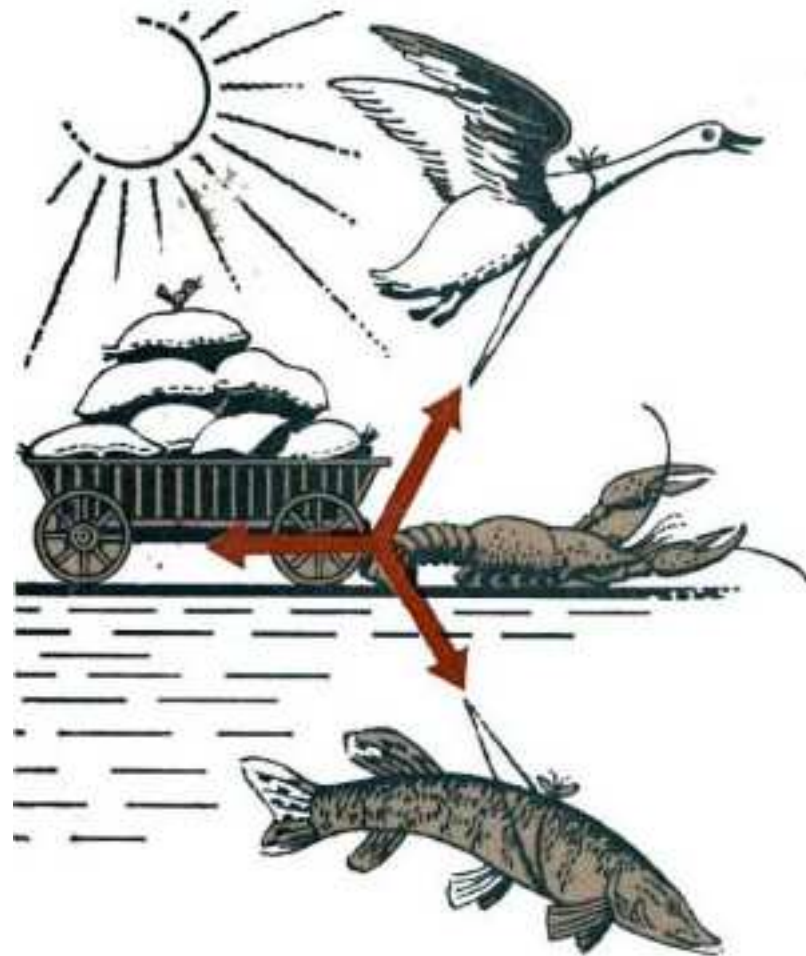




Stronger supply,  
clever demand:  
vision for water and  
environmental  
information in  
Central Asia



# Challenges as we see them

- capacities for collecting and managing data are low
- exchange of information is difficult (culture, political will, budgets)
- politically neutral / impartial information is hard to find
- communication for decision-makers is underdeveloped;
- no strong service culture
- international coordination is insufficient

History is rich, **results** are few.

Main **bottlenecks** are not in technology but in **institutions...**

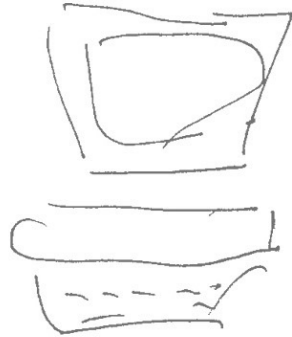
# **Vision = future**

- robust **supply** of data from the countries
- well-organised regional **management** and **exchange** of comparable information
- systematic **communication** of strategic-level information for policy-making and policy dialogue across Central Asia

**Getting there:** build respective capacities [simple?]

**Conditions:** acceptance by the region, cooperation internationally

# Vision = utopia?



## produced information

data  
statistics  
maps  
graphics  
reports  
books  
web pages



## is communicated through

shops  
libraries  
the Internet  
mass media  
NGOs  
schools  
analysts



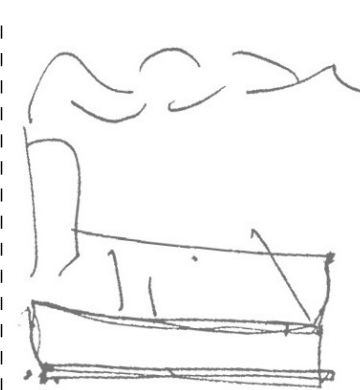
## to form awareness, opinions and attitudes among

law-makers  
rule-makers  
money-makers  
choice-makers  
future-makers



## for catalysing environment-friendly

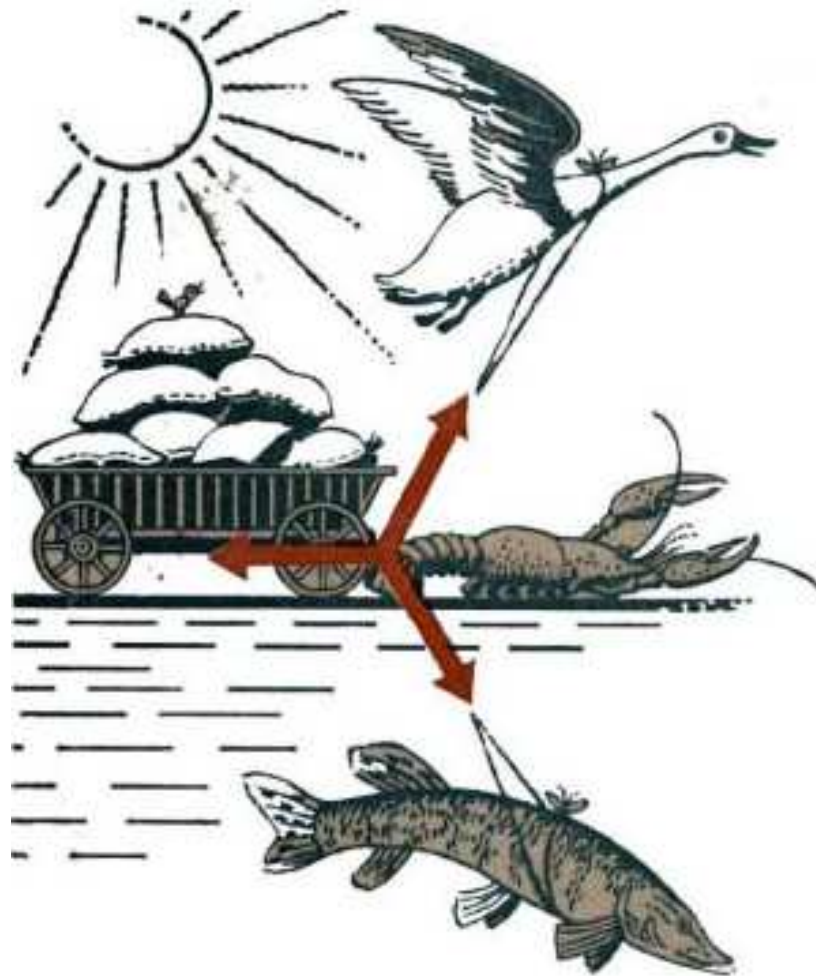
laws  
policies  
organisations  
investments  
production  
consumption  
values



## causing

lower pressure on the environment and therefore its better quality

**Vision** = dystopia?



# Communication checklist

- focus is **regional** [> mandate]
- users need **information** not data [> integration]
- communication is **political** [neutrality]
- communication should be **communicative** [format]

## Solutions

political consensus with the countries [UNRCCA, IFAS]

ensure data agreements

start small [info bulletin], expand gradually

# Information management checklist

- information needs to be managed somewhere [*where?* > hosts]
- access to data [*up and down* > technology & mandates]
- comparable outputs [> harmonisation]
- unbiased results [> neutrality]

## Solutions

existing [or new?] institutions in the **region** [or not?]

political **umbrella** [mandate & supervision / QC]

defined **responsibilities**

adequate **budget**

# Data collection checklist

- data are collected at all [> save the monitoring!]
- compatible and quality-controlled [> minimal common standards]
- accessible and shared [> politics and money]

## Solutions

SEIS ideology

EU and bilateral per-country **financing** (gradual phase out)

Solve financial / legal / cultural issues of **data provision**

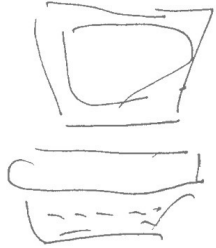


## What next? conditional steps

- Agree in-principle [countries, donors, organisations]
- Share responsibilities [core-group to follow up]
- Develop a plan [one-year feasibility study]
- Find money [short-term, long-term]
- Implement...

## How much? rough figures

Component	Per 1 year, M EUR	Over first 5 years, M EUR
Regional analysis and communication	0.3 - 0.5	1.5 - 2.5
Regional information management	0.3 - 0.6	1.5 - 3.0
National information systems	0.5 - 1.5	2.5 - 7.5
<b>TOTAL</b>	<b>EUR 1-2.5M per year</b>	<b>EUR 5-13M over 5 years</b>



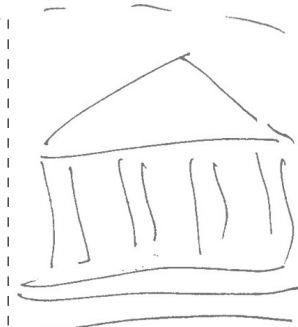
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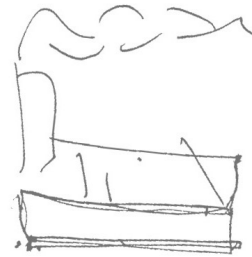
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