

# HLP WATER-ENERGY-FOOD NEXUS

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## CASE STUDY:

## DEFINING PRIORITY INTERCONNECTIONS IN LATIN AMERICA AND THE CARIBBEAN



Liber Martin CONICET/UNCuyo (Argentina)

# WEF nexus case study: Defining priority interconnections in Latin America and the Caribbean

- Introduction
- Outline
  - ▣ Main objective
    - Planning, legal framework and priority interconnections
  - ▣ Obstacles
  - ▣ Priority interconnections
  - ▣ Conclusions



# WEF nexus: Defining priority interconnections in Latin America and the Caribbean

- Main obstacles in order to identify priority interconnections in LAC:
  - Lack of information / bad quality
  - Great heterogeneity
  - Weak governance
- Despite this fact, the study summarizes the nexus interactions analyzing those that are critical for most of the LAC region's countries.

# WEF nexus: Defining priority interconnections in Latin America and the Caribbean

- a) Water-energy:
  - **Hydropower, hydrocarbons and mining**
- b) Energy-water:
  - **Water abstraction, use and desalination**
- c) Water-food:
  - **Agriculture**
- d) Water-energy-food:
  - **Biofuels and irrigation modernization**

# Conclusions

- In order to succeed in the region WEF approach need to start from considering seriously regional obstacles and specificities
- WEF nexus can not be reduced to technical and efficiency aspects in the LAC region. It can not be decoupled from social inequity.
- WEF approach constitutes a great opportunity to change and revise the current unsustainable development model pattern of the region