



Sustainable Hydropower

Guidelines, Good Practice and Certification

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Advancing sustainable hydropower

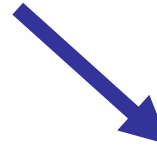
Sustainability Guidelines



Sustainability Assessment Protocol



Blue Planet Prize



Certification



**Sustainable Hydro
Website**



International Hydropower Association (IHA)

Who are we?

- Non-governmental mutual association of organizations and professionals working or studying in the hydropower sector.
- Founded in 1995, under the auspices of UNESCO, to advance knowledge on all aspects of hydropower and to promote good practice.
- Current membership: >2000 Individual and 104 Corporate members, from 84 countries.
- Main objective:

“Advancing Sustainable Hydropower”



International Hydropower Association (IHA)

Vision statement

Advancing hydropower's role in meeting the world's water and energy needs by:

- Championing continuous improvement and sustainable practices
- Building consensus through strong partnerships with other stakeholders
- Driving initiatives to increase the contribution of renewables.

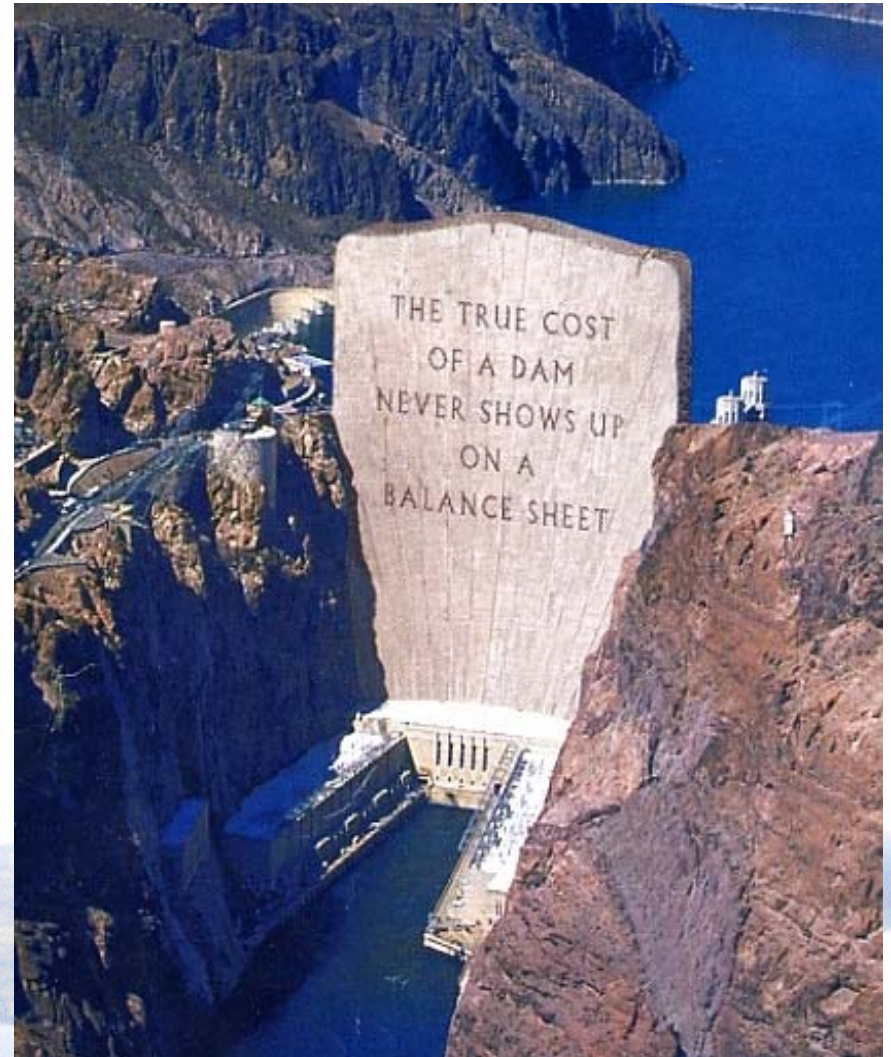
Advancing sustainable hydropower



Criticisms of Hydropower

What are some NGOs saying?

- Damages ecosystems
- Disrupts societies through population displacement
- Detrimental downstream socio-economic impacts
- Greenhouse gas emissions
- High risk investments



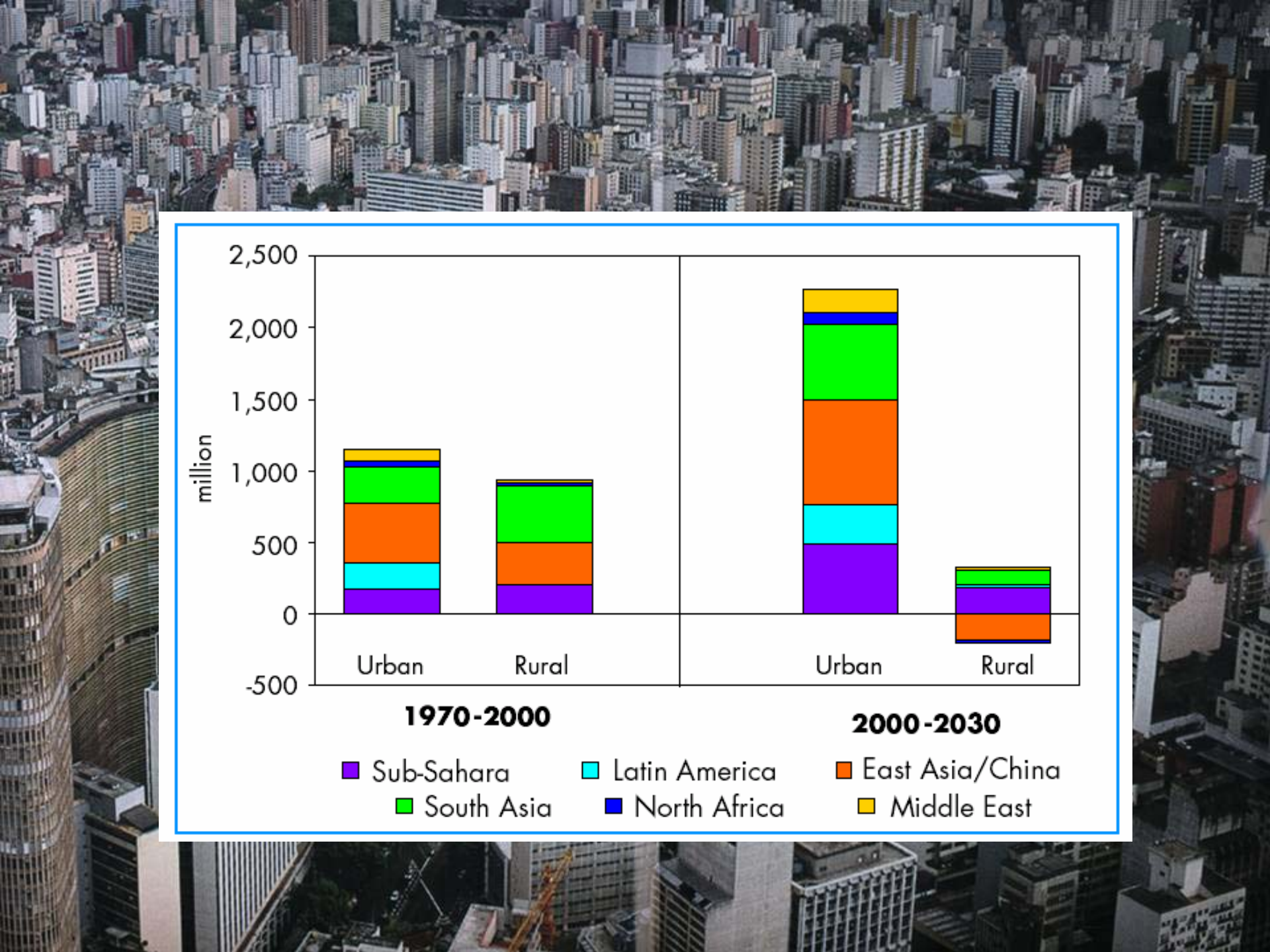
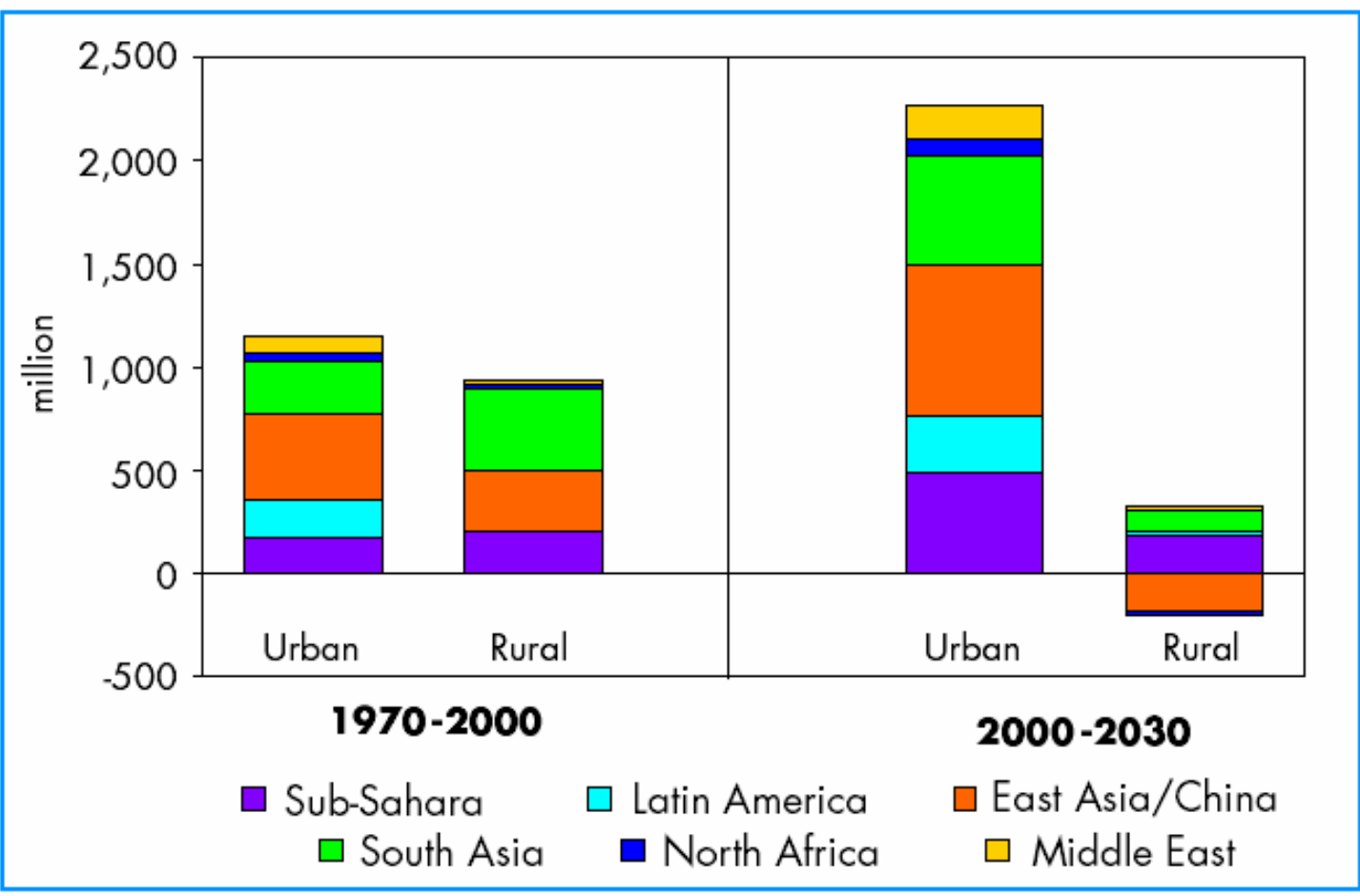
Past mistakes- lessons for the future



Each hydropower project is an ambassador for the whole sector.

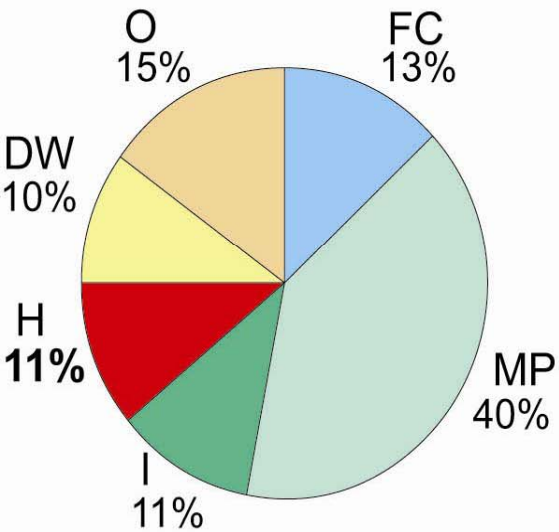




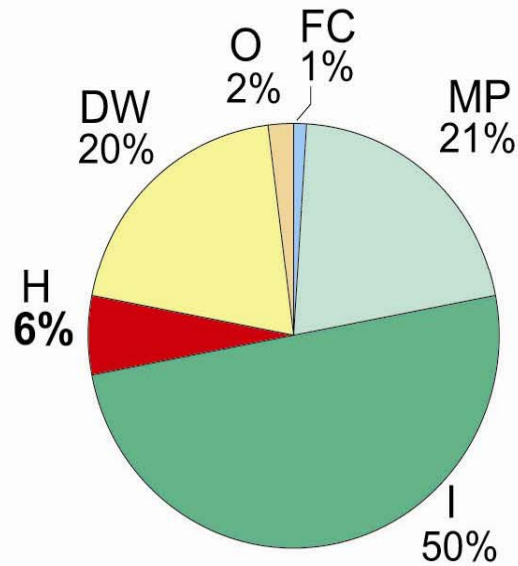


Main uses of dams, by region

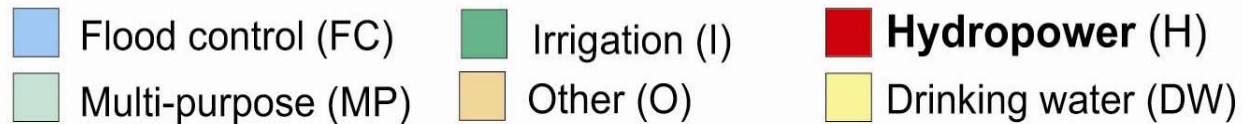
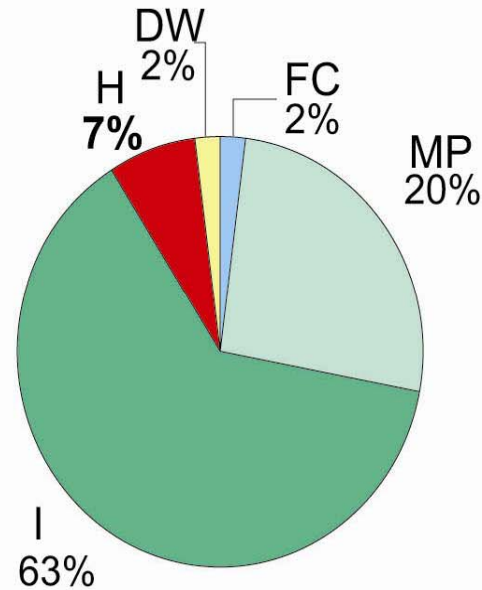
N&C America



Africa

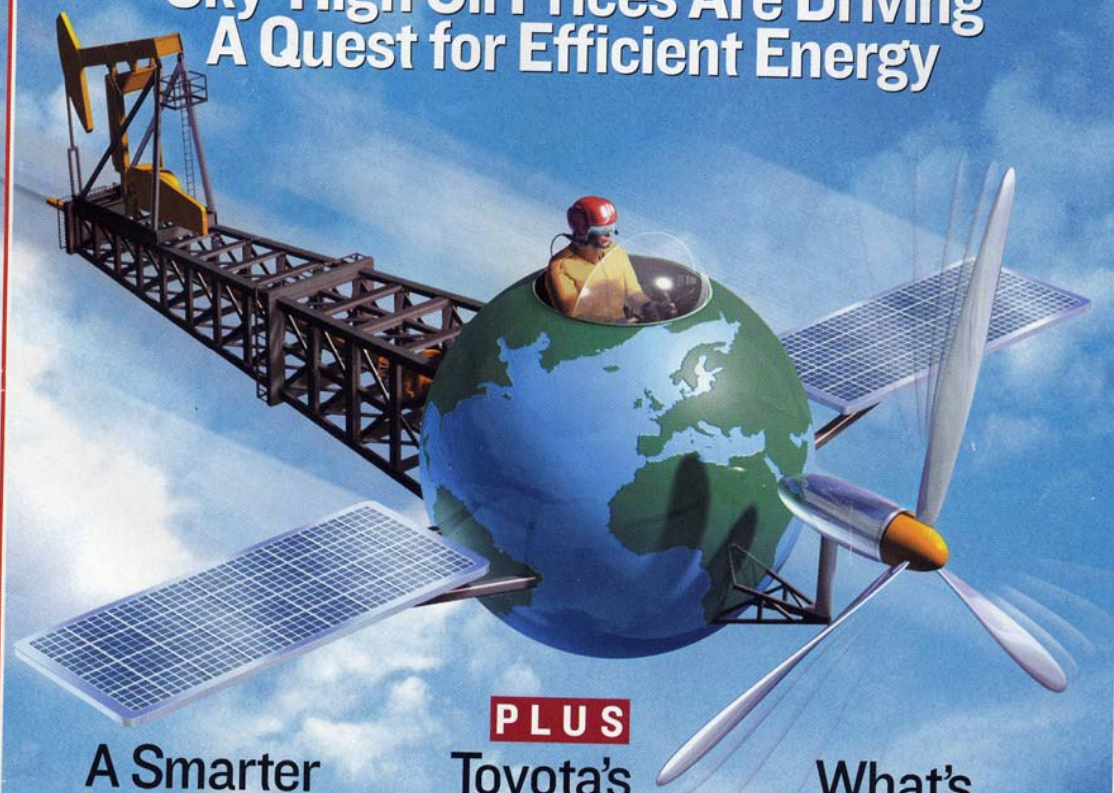


Asia



Hybrid Future

Sky-High Oil Prices Are Driving
 A Quest for Efficient Energy



PLUS

**A Smarter
 Power Grid**

**Toyota's
 Hot Wheels**

**What's
 The Next Oil?**

Albania Lek 500	Finland €4.00	Ireland (incl. tax) €4.00	Norway Kr 38.00	Slovenia SIT 600
Austria €4.00	France €4.00	Israel NIS 18.00	Portugal (incl. tax) PLN 11.30	Spain €4.00
Belgium €4.00	Germany €4.00	Italy €4.00	Portugal Cont. €4.00	Sweden SKr 31.00
Bulgaria BGL 4.00	Gibraltar €3.70	Kazakhstan \$4.20	Romania Lei 98.000	Switzerland SF 6.60
Croatia KN 20.00	Greece €3.70	Latvia \$4.20	Russia \$4.20	Turkey TL4,000,000
Cyprus €22.55	Hungary Ft. 590.00	Lithuania \$4.20	Serbia and Montenegro €4.00	Ukraine \$4.20
Czech Republic CZK 100.00	Holland €4.00	Luxembourg €4.00	Montenegro €4.00	United Kingdom £ 2.50
Denmark Kr 35.00	Iceland			

Is hydropower in the minds of the media and decision-makers?...

- to help address:
- Security of supply (water and power)
 - Fuel-

