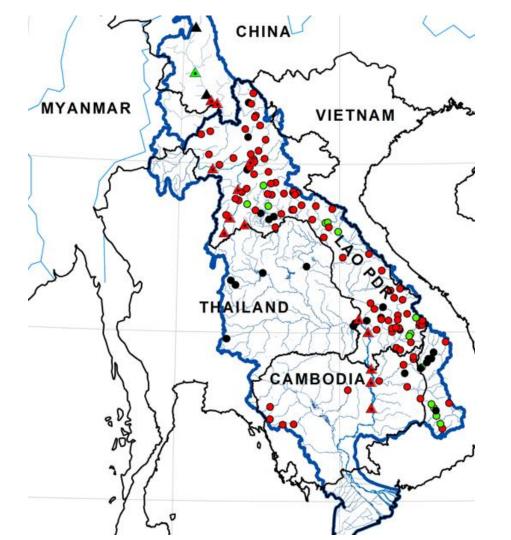


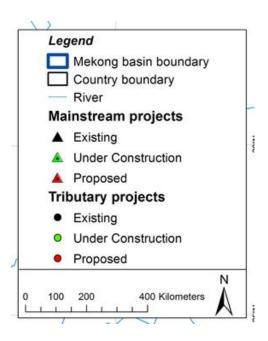
Decline in global species populations

Increase in GHG-emissions



Mekong River Basin

Red dots = planned dams



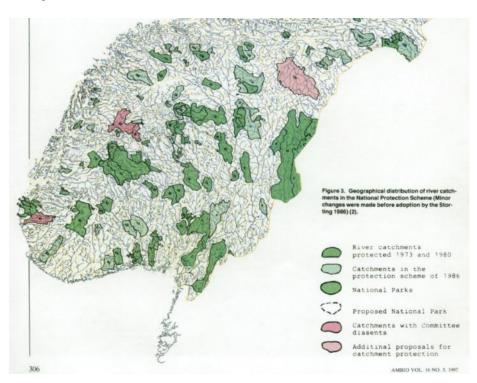
Map design: University of Canterbury, Data source: MRC Hydropower database

Project-scale best practices

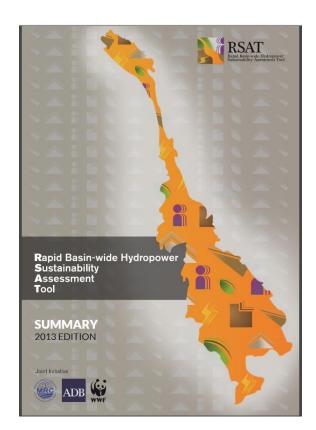
- Project-scale safeguards applied within a system approach
- High quality Environmental Impact Assessment (made easier by system-scale information base and framework)
- Hydropower Sustainability Assessment Protocol as a screening tool



System scale: tools and examples



Norway's national plans for hydropower and river protection

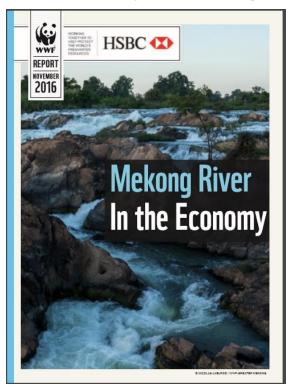


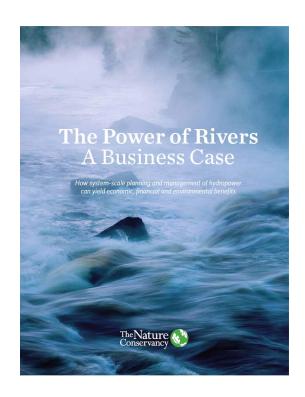
Rapid basin-wide hydropower Sustainability Assessment Tool (RSAT)

But....we've been here before



The importance of expanding relevance to broader economic planning





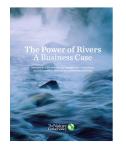
Environmental Benefits:

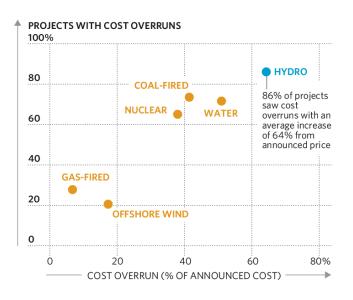
At the global scale, application of Hydropower by Design could reduce the amount of river length lost to fragmentation by approximately **100,000 kilometers** compared to business-as-usual approaches





Financial Benefits





Hydropower projects have greater cost overruns than other large infrastructure projects

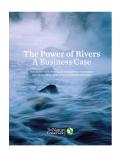


Friends of the Earth International

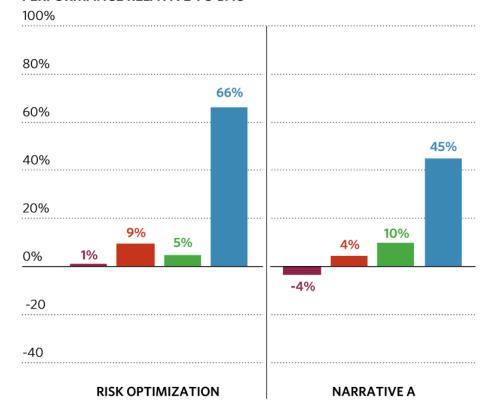
Financial Benefits

Projects selected through system planning had higher Internal Rate of Return (IRR)

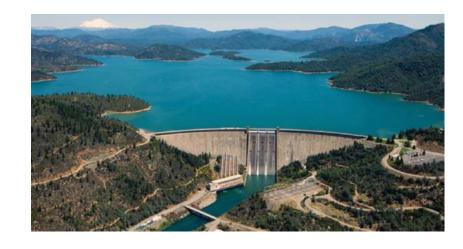




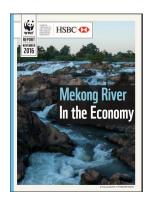
PERFORMANCE RELATIVE TO BAU



Economic Benefits



- Six case studies included another water-management service (irrigation, flood management, water supply)
- All showed potential improvement in other service, ranging from 10 – 50%
- Average improvement: 23%
- Median improvement: 18%



MRitE FOCUS

Public Sector Governance & Development

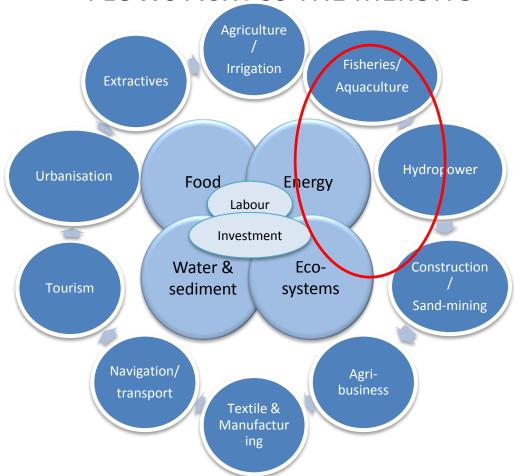
Civil Society

1

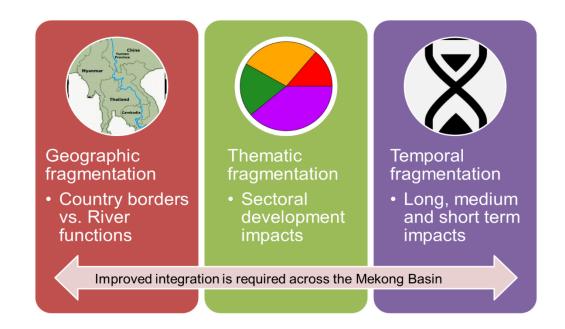
Private Sector Stewardship & Investment Development partners

and Change

FLOWS ACROSS THE MEKONG



Decision-making in the Mekong A Story of Fragmentation





THANK YOU!

+100

Present in 100 countries and on 5 continents

1961

Founded in 1961

