

# NAM THEUN 2: At a Glance

## LOCATION:

Central Laos, primarily in Khammouane province

## STRUCTURE:

- 39 meter high dam on the Nam Theun
- 450 square kilometer reservoir on the Nakai Plateau
- After passing through a powerhouse below the Nakai Plateau, water from the reservoir is diverted to the Xe Bang Fai via a 27 kilometer downstream channel

## OUTPUT:

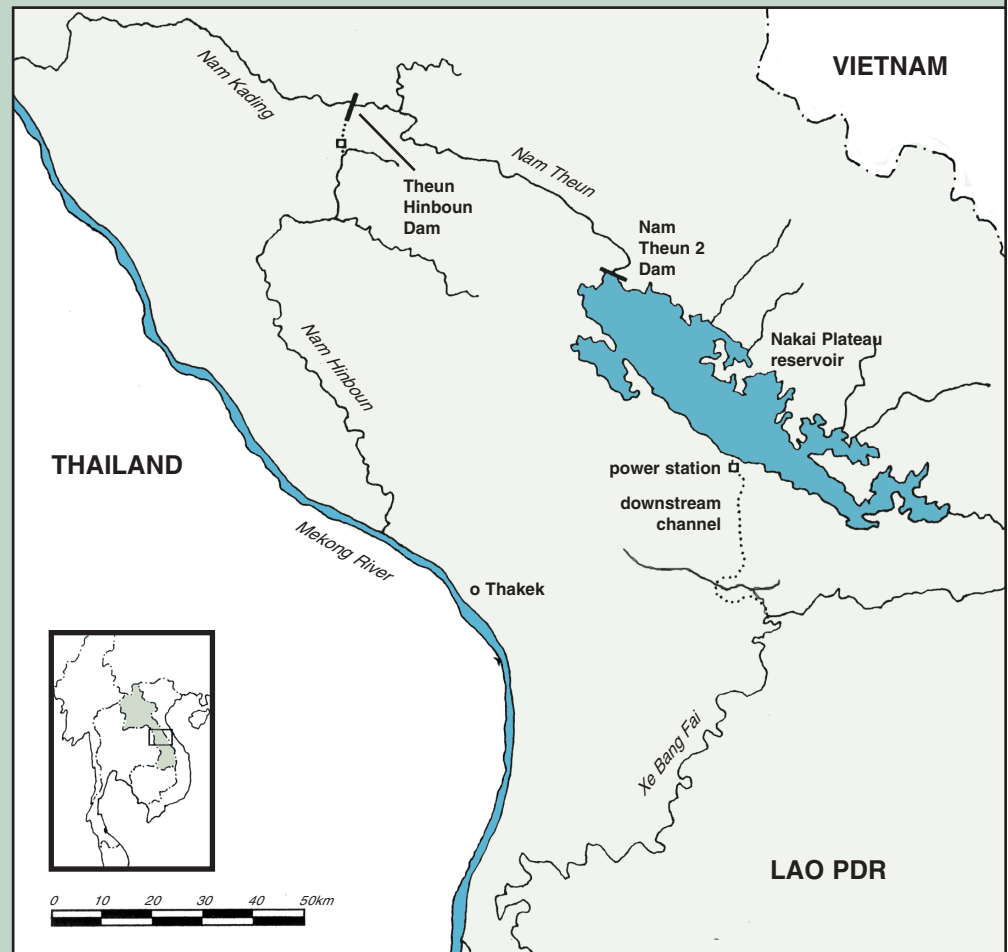
- 1070 MW of power, more than 90% exported to Thailand
- Power production scheduled to begin in December 2009

## SPONSORS:

Nam Theun 2 Power Company (NTPC): Electricité de France International (35%), the Electricity Generating Company of Thailand (25%), Lao Holding State Enterprise (25%) and Ital-Thai Development (15%)

## HEAD CONSTRUCTION CONTRACTOR:

Electricité de France



## MAIN SOCIAL AND ENVIRONMENTAL IMPACTS:

> 6,200 indigenous peoples forcibly resettled from reservoir area on Nakai Plateau; elephant and other wildlife and wetlands habitat flooded

> 120,000 downstream villagers affected by increased water flows in Xe Bang Fai, and dramatically decreased flows in Nam Theun; major fisheries and aquatic resources losses, erosion, flooding, sedimentation along the Xe Bang Fai

> 2,000 households affected by NT2 construction activities, losing land, assets, access to resources; water quality impacts, erosion, sedimentation, logging in construction areas