

Transboundary Cooperation Workshop # 3 20-22 January 2010, Vientiane.

“Sharing of Benefits in Transboundary Water Resources Management

Responses from civil society on stakeholder views on benefit and cost sharing in river basin management

COST AND BENEFIT FOR COMMUNITIES

Experiences from transboundary
Cooperation to Cambodian Community
Case Study : Stung Treng Province, the
northeast of Cambodia

By Tek Vannara

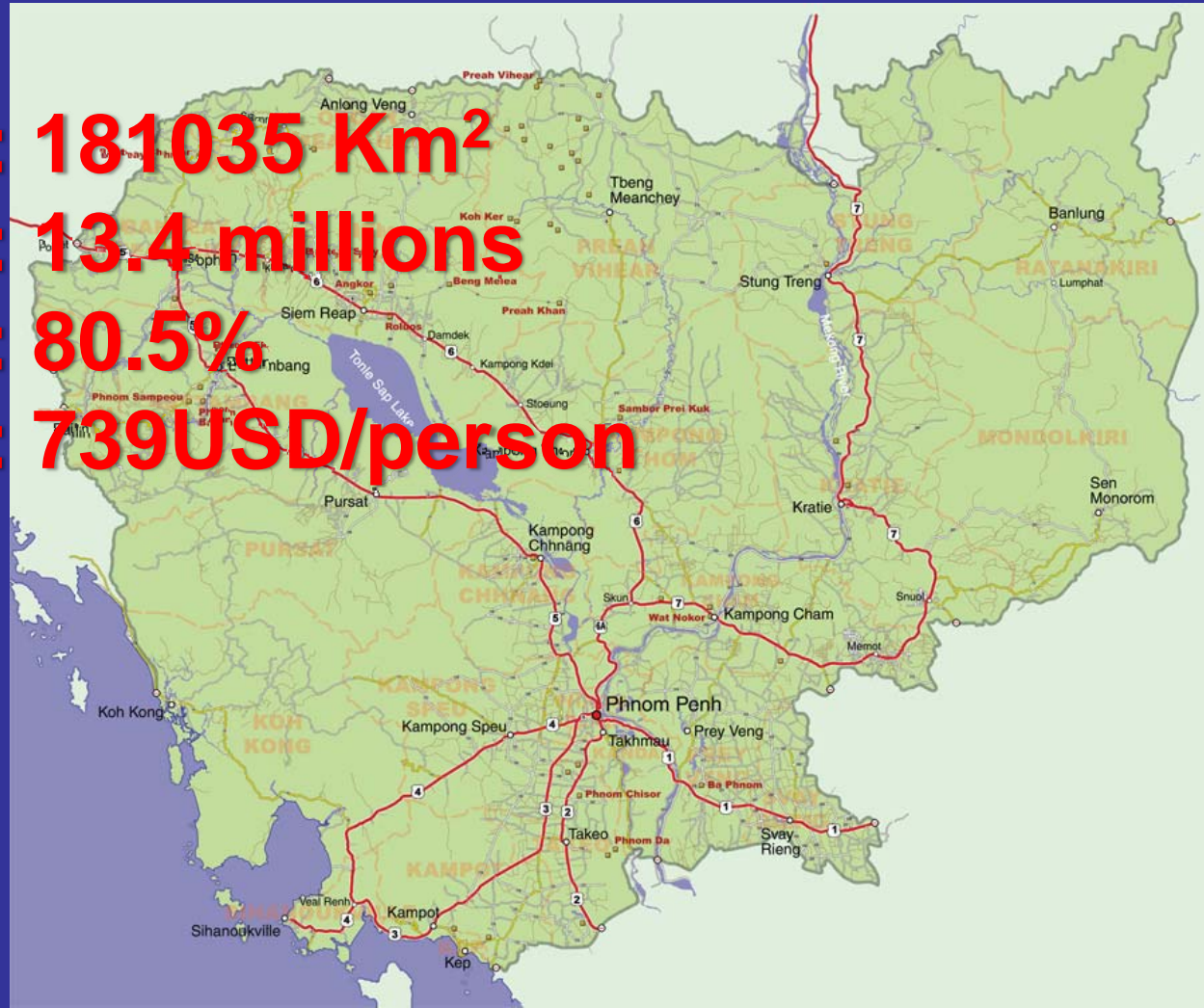
Program Manager & Environmental Researcher

Culture and Environment Preservation Association



CAMBODIA

- Land : 181035 Km²
- Population : 13.4 millions
- Rural People: 80.5%
- GDP : 739USD/person



PROFILE OF STUNG TRENG PROVINCE

- 5 Districts
- 34 Communes
- 128 Villages
- Total population : 91,795
(Women:47,236 : 51.5%)
- Density : 8person/km²
- 14 minority ethnic groups
- Land : 11,092 km²

– Forest land	: 928,000 ha
– Rice land	: 19,000 ha
– Farm land	: 2,193 ha
– House land	: 103, 852ha
– Road land	: 2,400ha
– River, Stream land	: 41,094ha
– Free land	: 13, 200ha



STUNG TRENG MAP

Water Cost-Benefit Sharing beyond Transboundary Cooperation : freedom to live, quality of life and ownership...! Livelihood of Mekong People



Rice Field & Cultivation



Rice Field



Mekong People FOODS



Forestry on the Mekong Watershed and Mekong tributaries, It is sources of lives for Mekong People



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Mekong Fishing Gear (Li+Troeng) & Fishery Resources



Catching Fish in the Mekong





Catching Fish in the Mekong

Mekong Smoke Fish

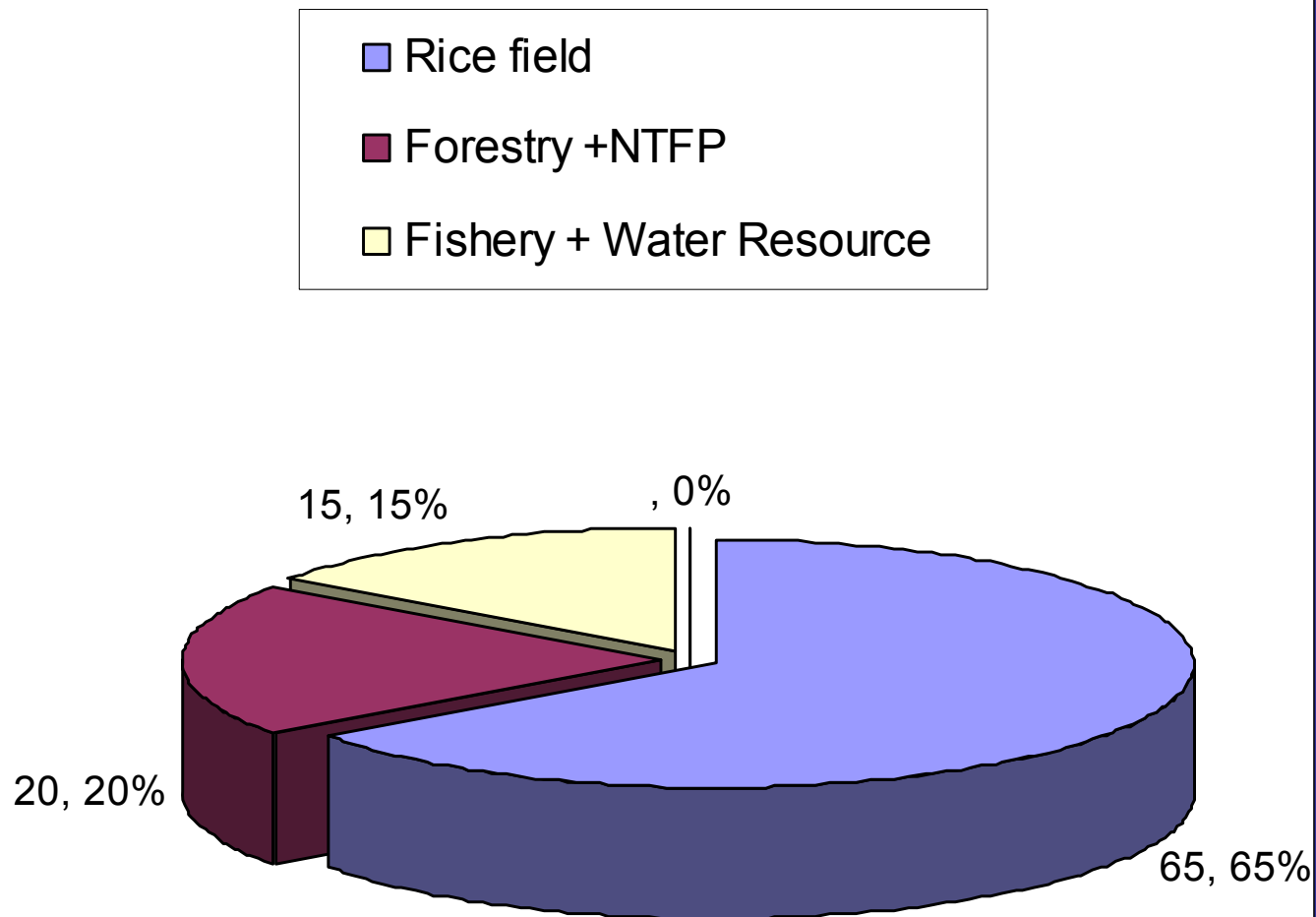




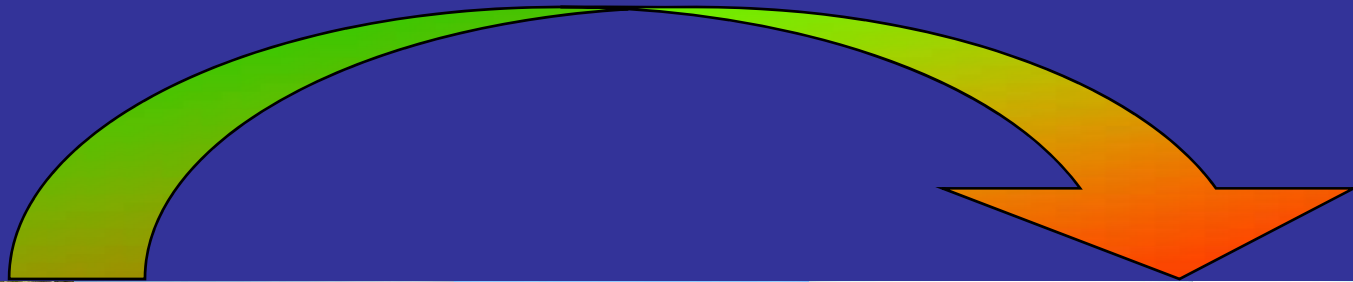
Mekong Smoke Fish



KEY OCCUPATIONS OF THE PEOPLE IN MEKONG+3S REGION



Mekong & 3S people's live style



INTER-RELATION OCCUPATION OF PEOPLE IN 3S REGION

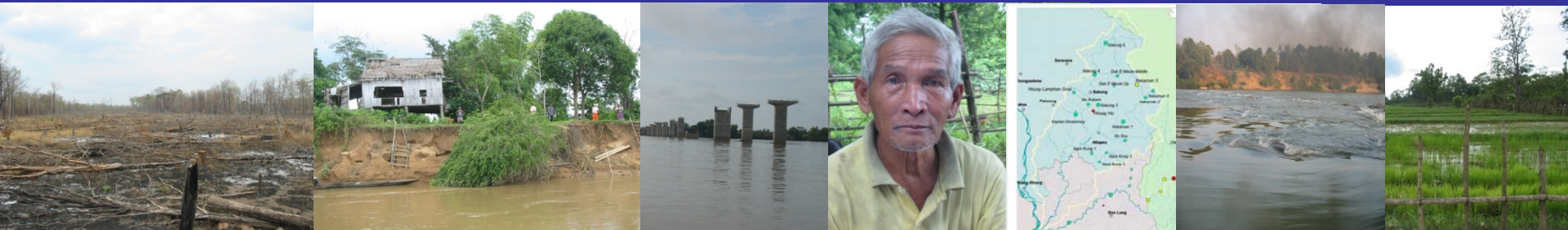


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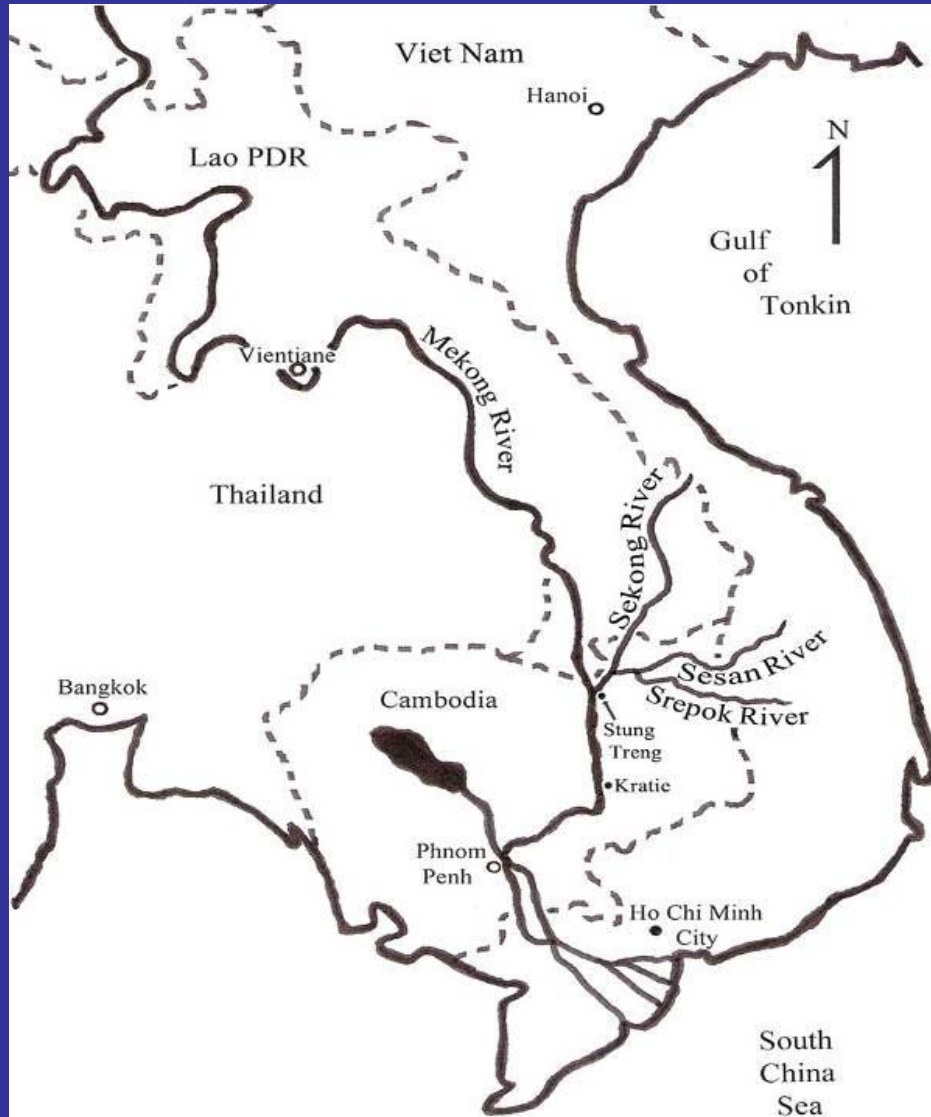
CEPA

TRANSBOUNDARY COOPERATION WATER COST-BENEFIT SHARING :

Water Diversify, Hydropower Dam
Development,...coming to 3S region +
Mekong



The Experience of the 3S + Mekong Rivers



Mekong River :

20 dam planned (Lower + Upper)

Sesan River

3 dams operational and
3 under construction

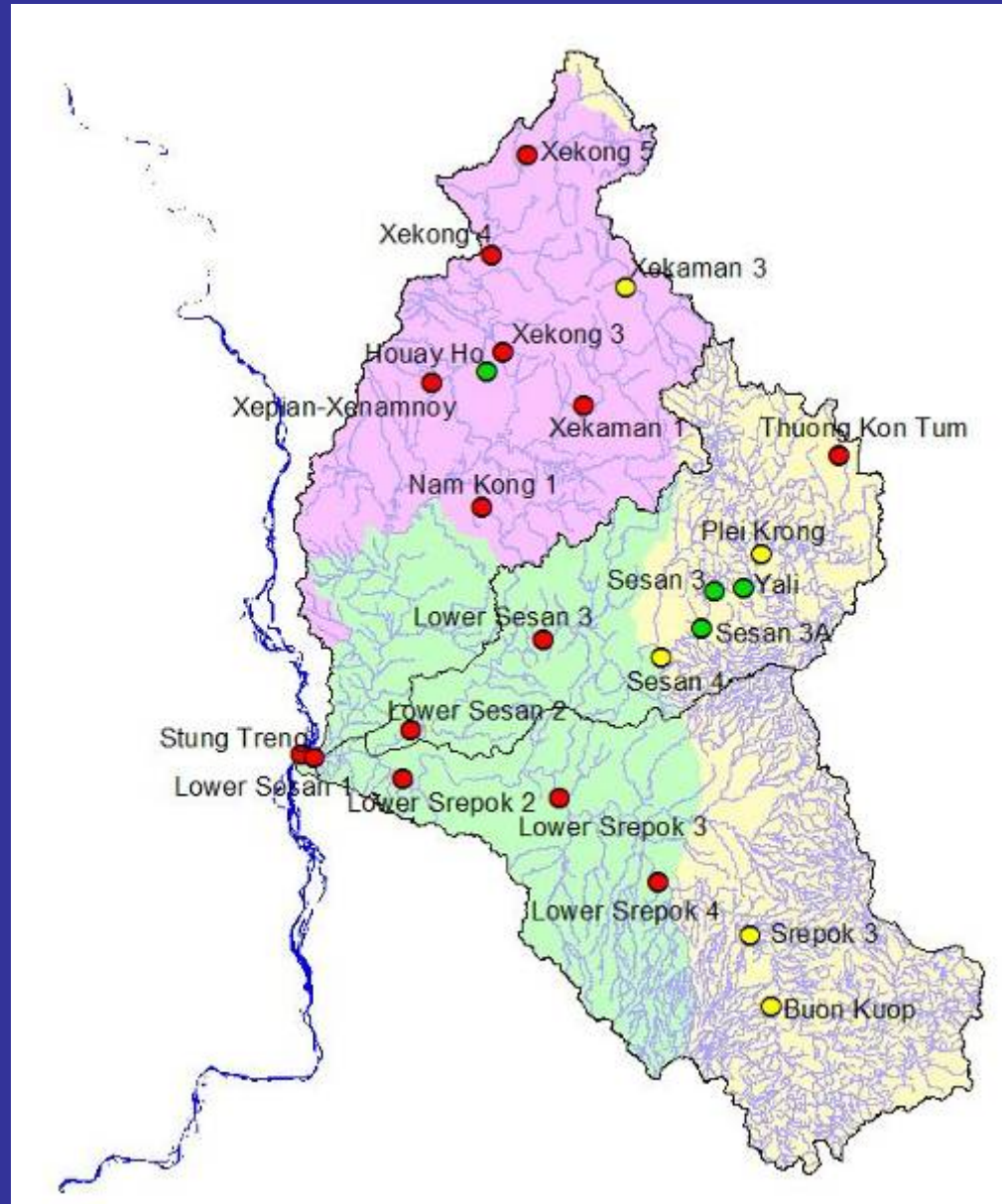
Srepok River

1 dam operational and
4 under construction

Sekong River

1 dam operational and
1 under construction

HYDROPOWER DEVELOPMENT PROJECTS IN SESAN, SEKONG AND SREPOK RIVERS



- Operation
- Construction
- Planning

What those projects share cost benefit to community

At the beginning stage : negative water cost benefit sharing

The Dam Building Process on the 3S



- No prior notification of dam plans
- Inadequate/or No EIAs
- Limited/or No Public Participation
- Unresolved Environmental and Social Impacts
- No compensation given to affected communities and no mitigation measures in place

Distribution to Ecological Systems



- Erratic and Irregular Water Flows (Floods, Dry Ups, and Water Fluctuations)
- Deteriorating Water Quality
- Riverbank Erosion
- Loss of Fishery Habitat, Aquatic Life, and Riparian Species
- Reduction in Fish Catches and Fish Species



Impacts to Society



- Loss of Livelihood and Decrease in Household Income from \$109 to \$46 a month
- 76% Fish Decline = Loss of Food Security
- Increase in Water-borne Illness and Deaths
- 722 Households Have Abandoned Homes
- Disruption to Cultural Activities
- Fear of River



What Community People Get from the transboundary projects

Construction Stage

- Notification
- Information sharing (through EIA paper & Hydropower master plan, Stakeholder Consultation : BDP plan from each country ...)
- Review EIA on previous dams of SeSan & Srepok
- Mitigate water fluctuation (SeSan4a)
- Warning system information
- Small common compensation (infrastructure-school, health center, irrigation & animal...)
- Alternative Livelihood instead of old occupations

What Community People Get from the transboundary projects

Operation Stage

- We don't seem yet for 3S region and Mekong context regarding to water cost and benefit sharing.

What Community People want to Get from the transboundary cooperation

- Equal and equity benefit sharing from the water projects and hydropower development projects
- Ensure sustainable livelihood of people after transboundary cooperation
- Sustainable River flow & Quality of water
- Alternative livelihood fit to socio culture of each community in Mekong region of difference countries
- Ensure project make people happy, ownership and quality of life
- People economic are sustainability
- Socio-culture of people are protected

THANKS FOR YOUR ATTENTION

What's happen in 3S + Mekong for
equality water cost benefit sharing in
the future?

