



#### Mekong Integrated Water Resources Management Project

### TRANSBOUNDARY COOPERATION BETWEEN VIET NAM – CAMBODIA: Integrated Water Resources Management in the Sesan and Srepok Sub-Basins

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### **Project Areas**





### Uses of Water in Se San – Sre Pok Basin in Viet Nam part

- Agriculture (812.420 ha)
- Irrigation structures (984, of which 507 reservoirs, 455 weirs, 22 pumping stations)
- Aquaculture (8.100 ha)
- Urban/domestic, industries
- Hydropower



#### Hydropower development in Se San – Sre Pok in Viet Nam nart

Νο	Hydropower plant	Flv	Nlm	Ео	Year of operation
		Km2	MW	GMh	
	Lưu vực Sesan		1.866	8.136	
1	Thượng Kontum	350	220	945	Xây dựng
2	Plây Krong	3.224	100	442	2008
3	Yali	7.455	720	3.650	2001
4	Sesan 3	7 795	295	1 224	2006
5	Sesan 3A	ana an ing panangan na panganan na ing panganan na ing panganan na panganan na ing panganan na ing panganan na			

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6

7

1

2

3

4

5

6

Sesan 4

Sesan 4A (hồ điều hòa)

Lưu vực Srepok

Buôn Tua Srah

Đức Xuyên

Buôn Kuop

Dray Hlinh

Srepok 3

Srepok 4



#### Nexus Issues in Sesan – Srepok River Basin

- Shortage of water; ground water depleted and polluted
- Flood and Drought
- Hydropower impacts
- Water pollution and Waste water management
- Conflicts among water users including environment;
- Transboundary water management with Cambodia (upstream – downstream relationship), and other Lower Mekong River countries

Transboundary Significant Water Management Issues: -Data and Information sharing -Communication of issues -Problems and conflicts solving (hydropower development and operation)



## **Transboundary Cooperation**



Enhancement of dialogue and sharing of data and information towards harmonized water resource management and future investment





## **Key Outputs**



All relevant data and information collected and reviewed, gaps identified An enhanced knowledge and data and information sharing mechanism for transboundary cooperation developed

Joint action plan to implement priority coordination and management activities

Existing knowledge, data and information sharing mechanisms reviewed and respective needs for future transboundary cooperation defined

An effective transboundary dialogue establised A future transboundary Sesan -Srepok Sub-basin Monitoring Plan developed

to address Transboundary Significant Water Management Issues





### **General Principles:**

- •Build on existing bilateral mechanisms: between Viet Nam National Mekong Committee and Cambodia National Mekong Committee, between border provinces, etc.
- •Learn experiences and lessons from other bilateral mechanisms regionally and internationally; and
- Address issues locally with basin wide perspectives and taking into account global concerns





### **Technical and Admistrative:**

- 1. Organize joint fact-finding and technical study groups for needs assessments, specifying terms of reference, and planning and facilitating activities;
- 2. Apply analytical and diagnostic tools such as hydrological and hydraulic models including the MRC Decision Support Framework;
- 3. Build capacity in interest and value-based discussions of trade-offs between beneficial and non-beneficial impacts as well as conflicts;
- 4. Plan and organize awareness campaigns as well as conflict prevention and management.



### **IMPLEMENTATION ARRANGEMENT**









# \*ESTABLISHMENT OF SE SAN – SREPOK RIVER BASIN ORGANISATION

# in Viet Nam





Se San – Sre Pok RBO Establishment Plan







# **THANK YOU FOR YOUR ATTENTION**