

VNFF & PFES

FOREST SERVICE DELIVERS

- 1. Forest owners;
- 2. Organizations, households, individuals, communities, villagers/long-term forest protection contractors

TYPES OF FOREST SERVICES

- Soil protection, erosion and sedimentation control;
- Water regulation and maintenance;
- 3. Carbon sequestration and storage;
- 4. Landscape protection and biodiversity conservation;
- 5. Aquaculture services.

FOREST ENVIRONMENT SERVICE USERS

- 1. Hydropower generators;
- 2. Clean water suppliers;
- 3. Industrial producers;
- 4. Tourist service providers;
- 5. Carbon sequestration service payers & aquaculture producers





Hydropower generators

20 VND/k wh

Clean water suppliers

40 VND/m

Industrial production facilities

?

Tourist service providers

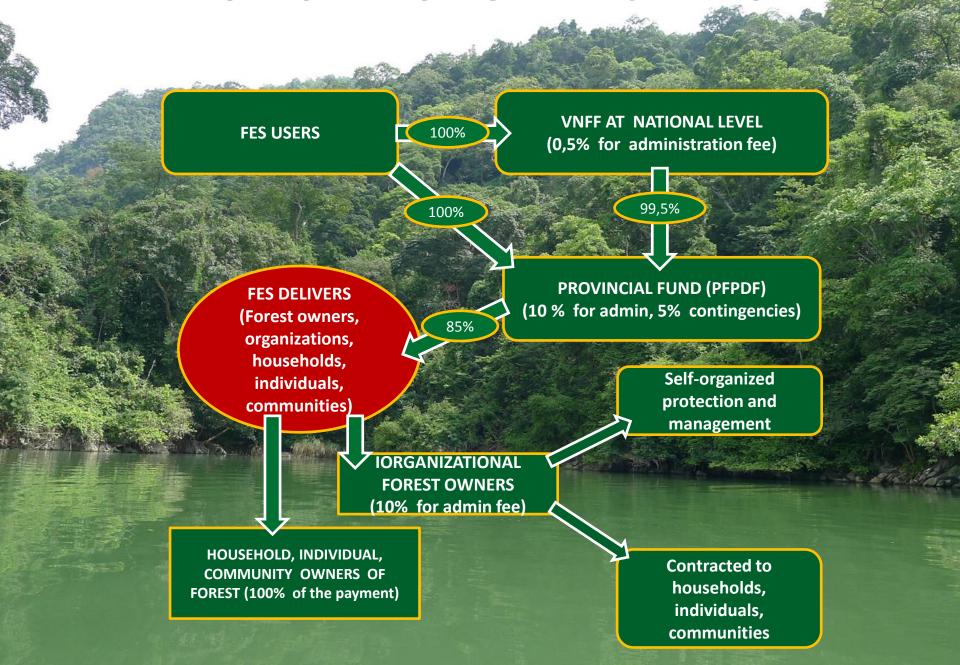
1-2% of revenue



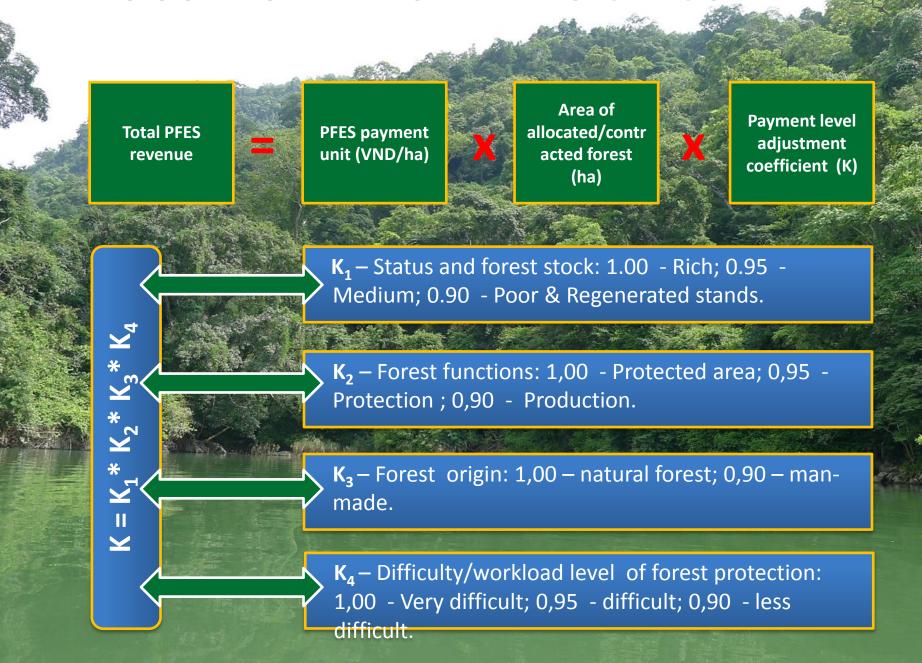
Others (carbon sequestration, aquaculture)

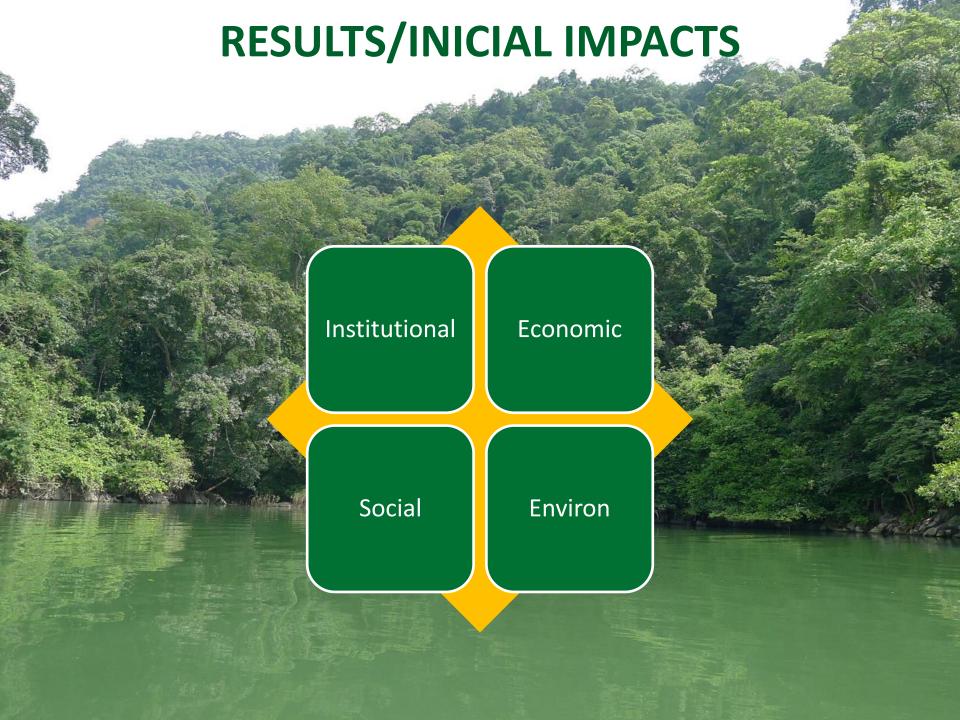


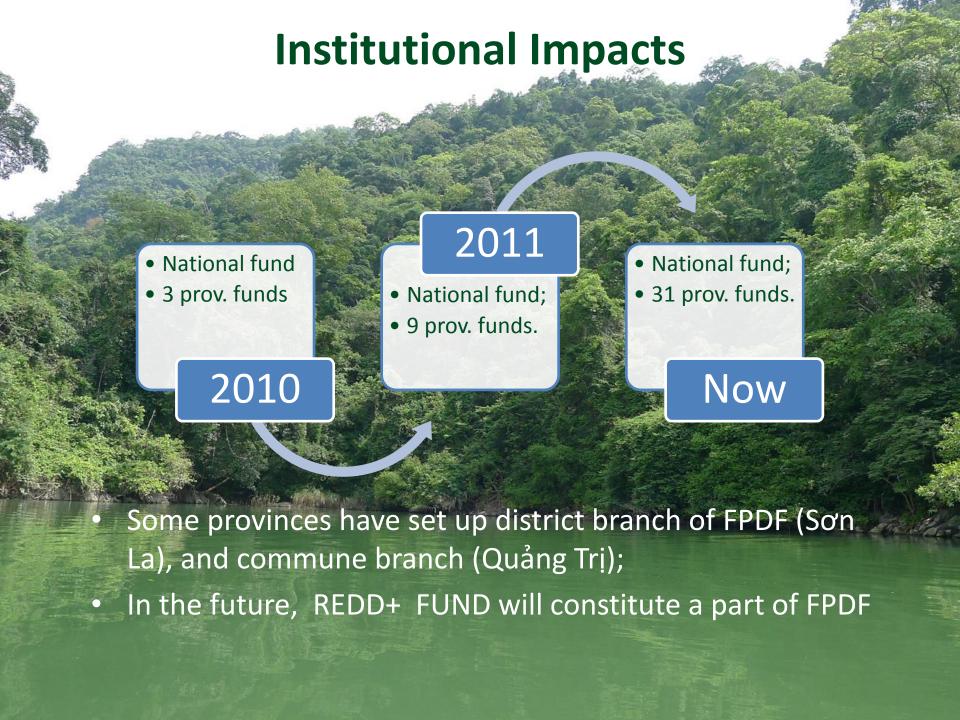
PFES DISTRIBUTION MECHANISM



HOUSEHOLD-BASED PFES CALCULATION







Economic Impacts

247 contracts

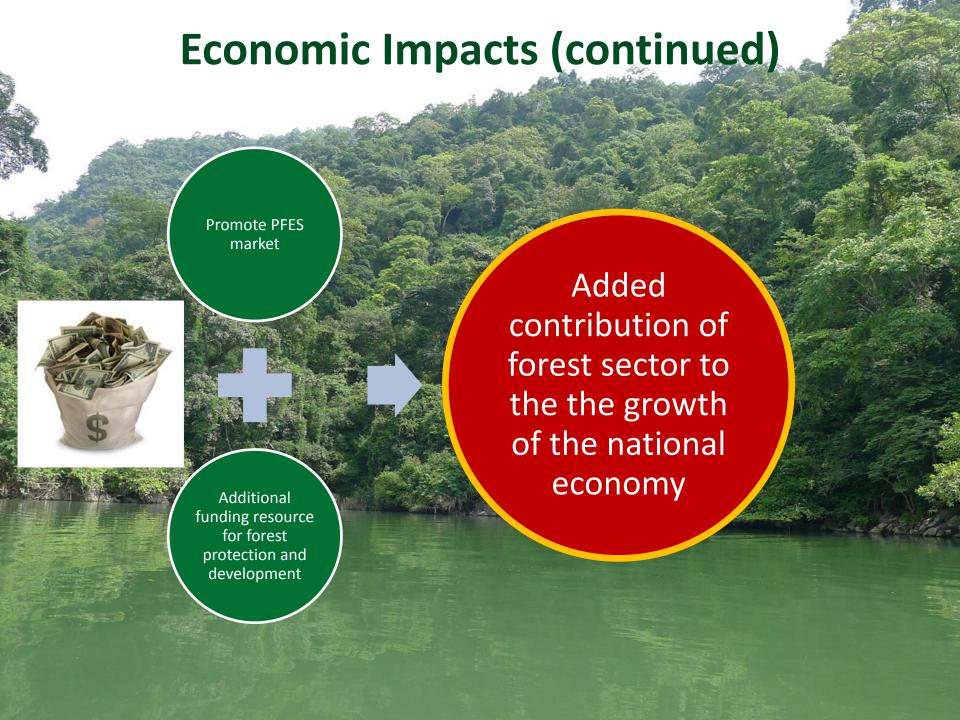
- Total number of trusted/concluded PFES contracts.
- Hydropower: 161 contracts; Water supply: 50 contracts; Tourism: 36 contracts.

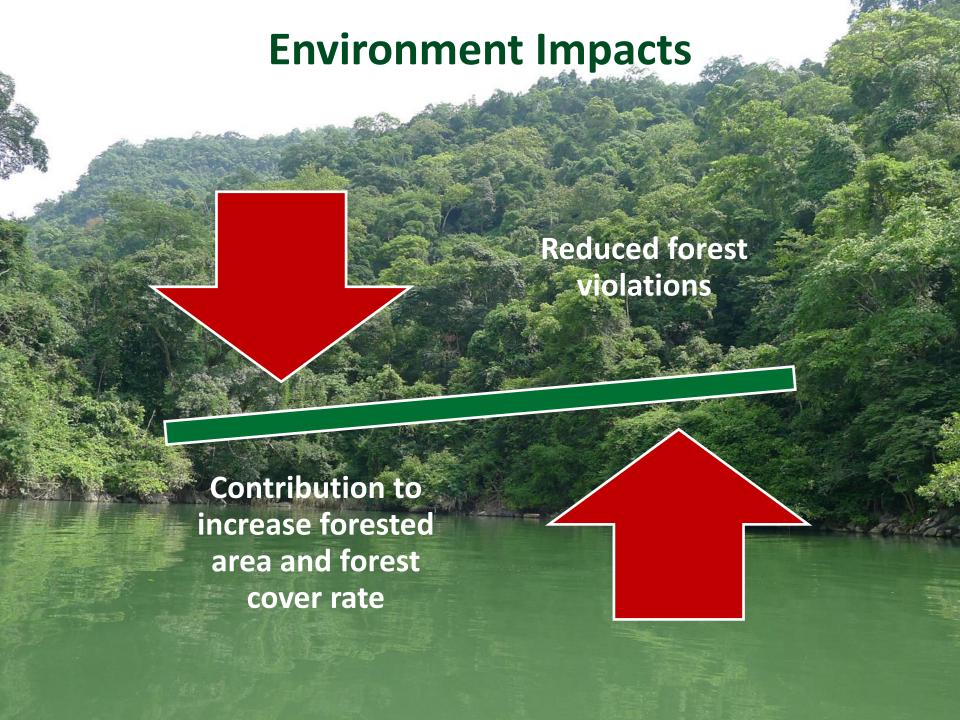
1,172 billion VND

- Totalo PFES revenue in 2012;
- Hydropower: 1,154 billion VND; Water supply: 16.9 million VND; Tourism: 0.9 billion VND.

Over 600 billion VND

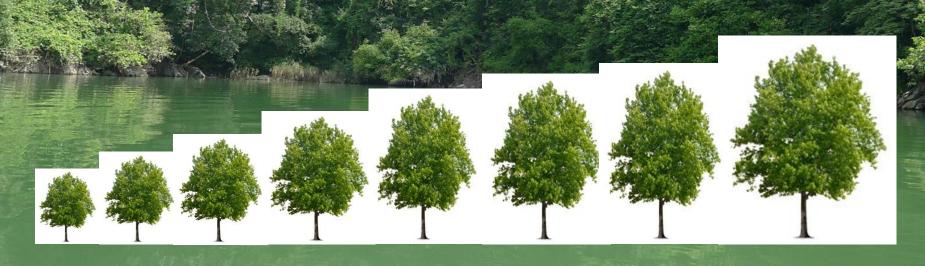
- PFES revenue from the beginning of 2013 up to now;
- National: 520 billion VND; Local: 80 billion VND.



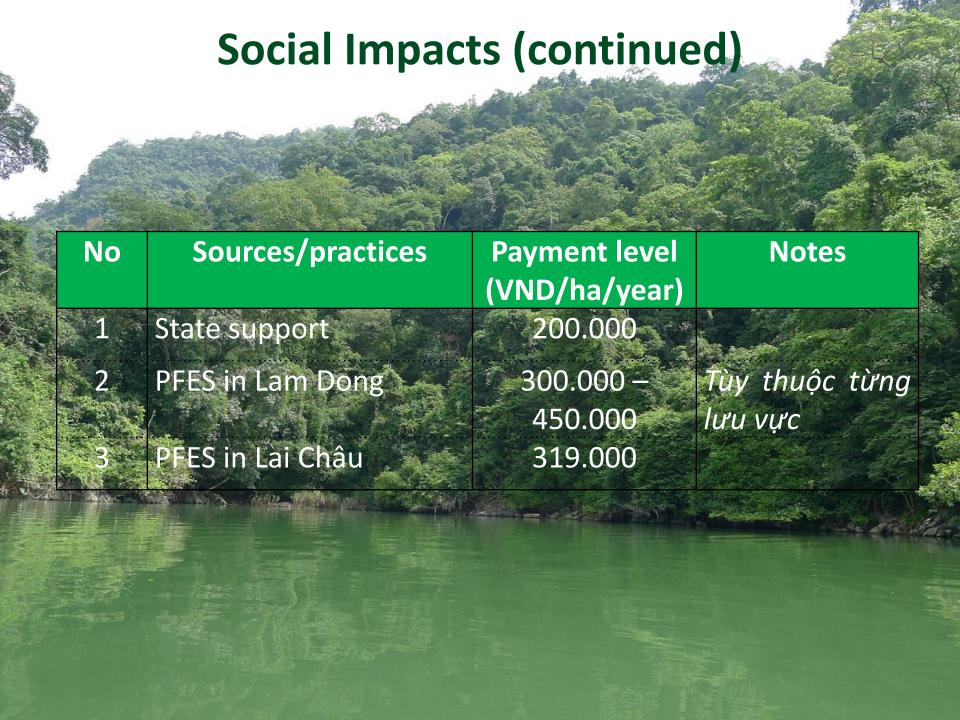


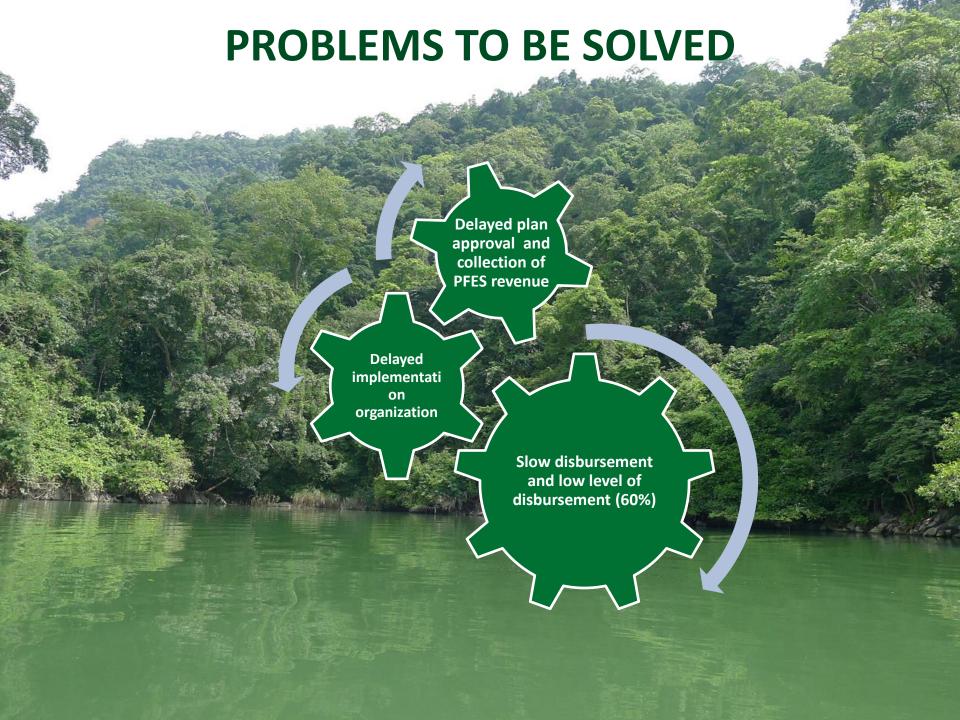


	Indicators	2008	2009	2010	2011	2012	
11.	Forested area	12,84	12,90	13,03	13,14	13,46	and the sales
	(million ha)						No.
	Forest coverage (%)	38,70	39,10	39,50	39,70	39,90	
1.4							
							30







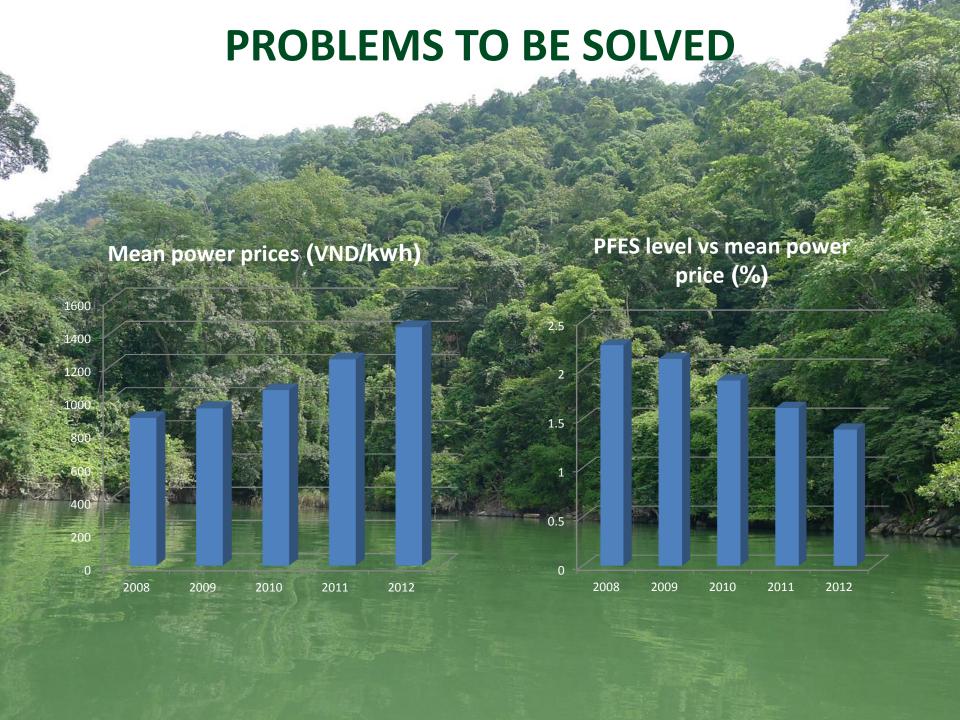


PROBLEMS TO BE SOLVED

- Delayed implementation organisation;
- Delayed issuance of regulations and guidancces;
- Limited awareness raising and communication;
- Improper forest management at forest owner level;
- Non-suitable unit price and payment mechanisms;
 - Problems with payment delivery from hydropower plants;
 - Low level of charging vs cost/price dynamism.



No	Comparative indicator	2008	2009	2010	2011	2012
1.	Mean power selling price (VND/kwh)	890	948,5	1.058	1.242	1.437
2	PFES level vs mean power selling price (%)		2,11	1,89	1,61	1,39



RECOMMNEDATIONS

A large resources and facilities all be provided for policy implementation;

Further investigations to revise and suppliment regulations and guidances;

Communications and awareness raising to improve knowledge of relevant actors;

Strengthen collaboration amongst relevant groups of stakeholders;

Speed up forest re-democation and re-identification of forest owners.





