

PIARC Rural Transport Seminar

Theme – RURAL TRANSPORT – KEY ELEMENT of DEVELOPMENT

**Presentation of Paper on
SUSTAINABLE ROAD MAINTENANCE IN VIET NAM**

**by
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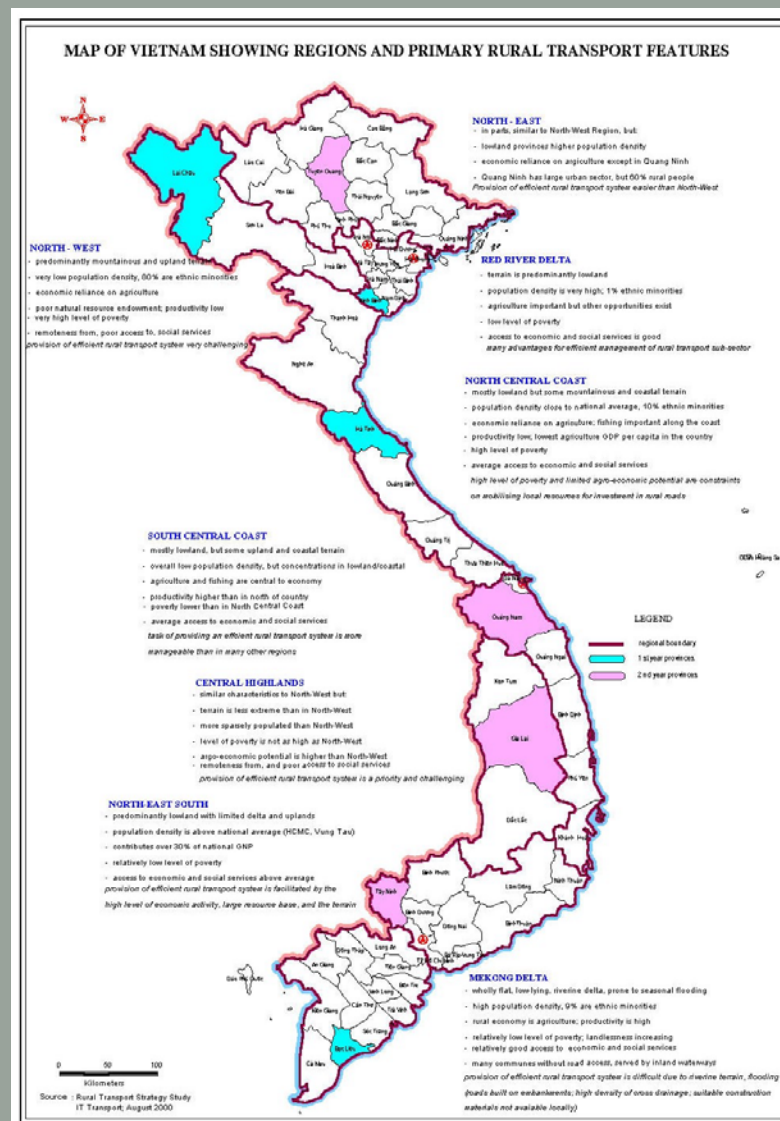
RT2

REHABILITATION

Capability

Burden

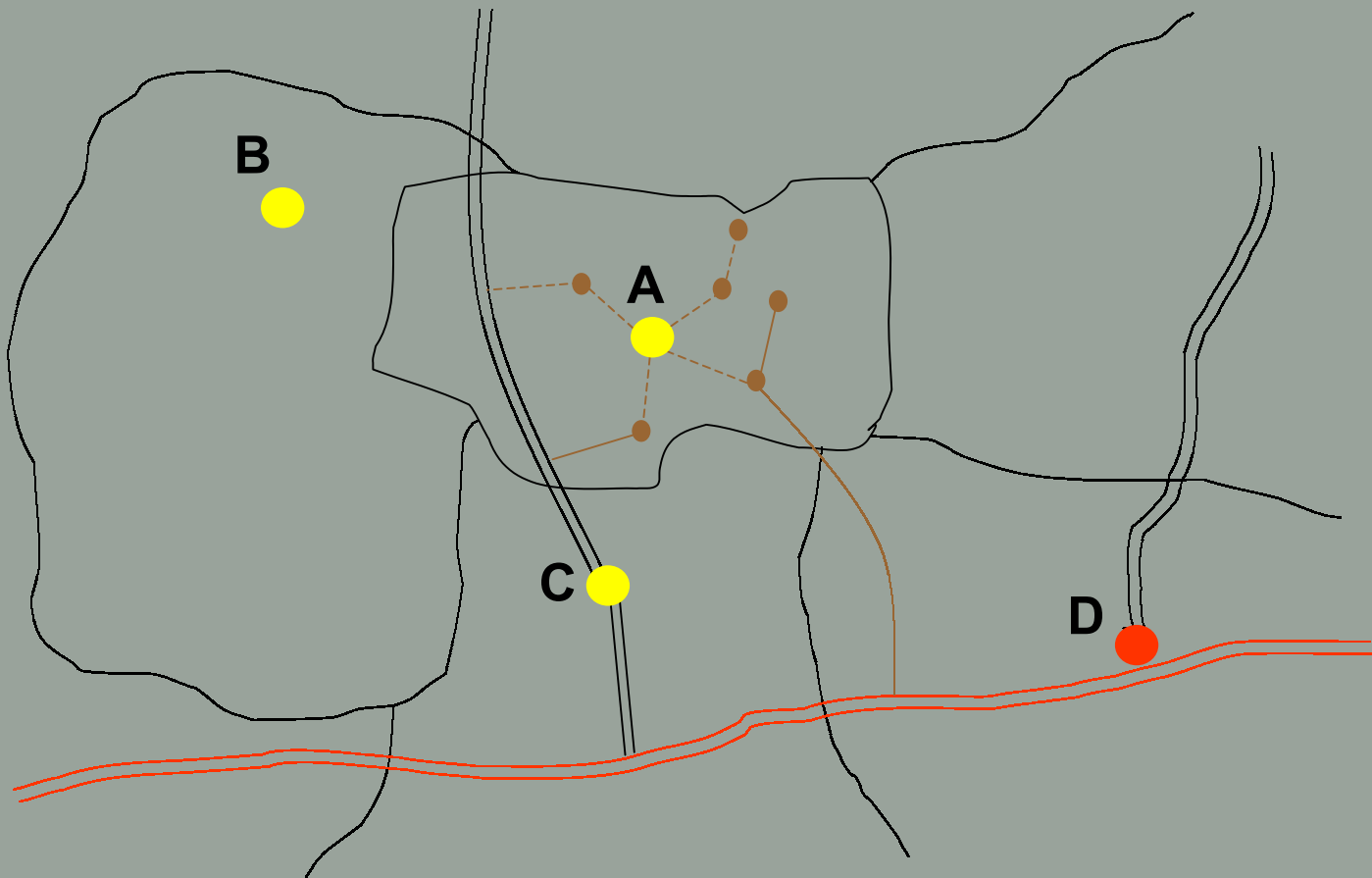
MAINTENANCE



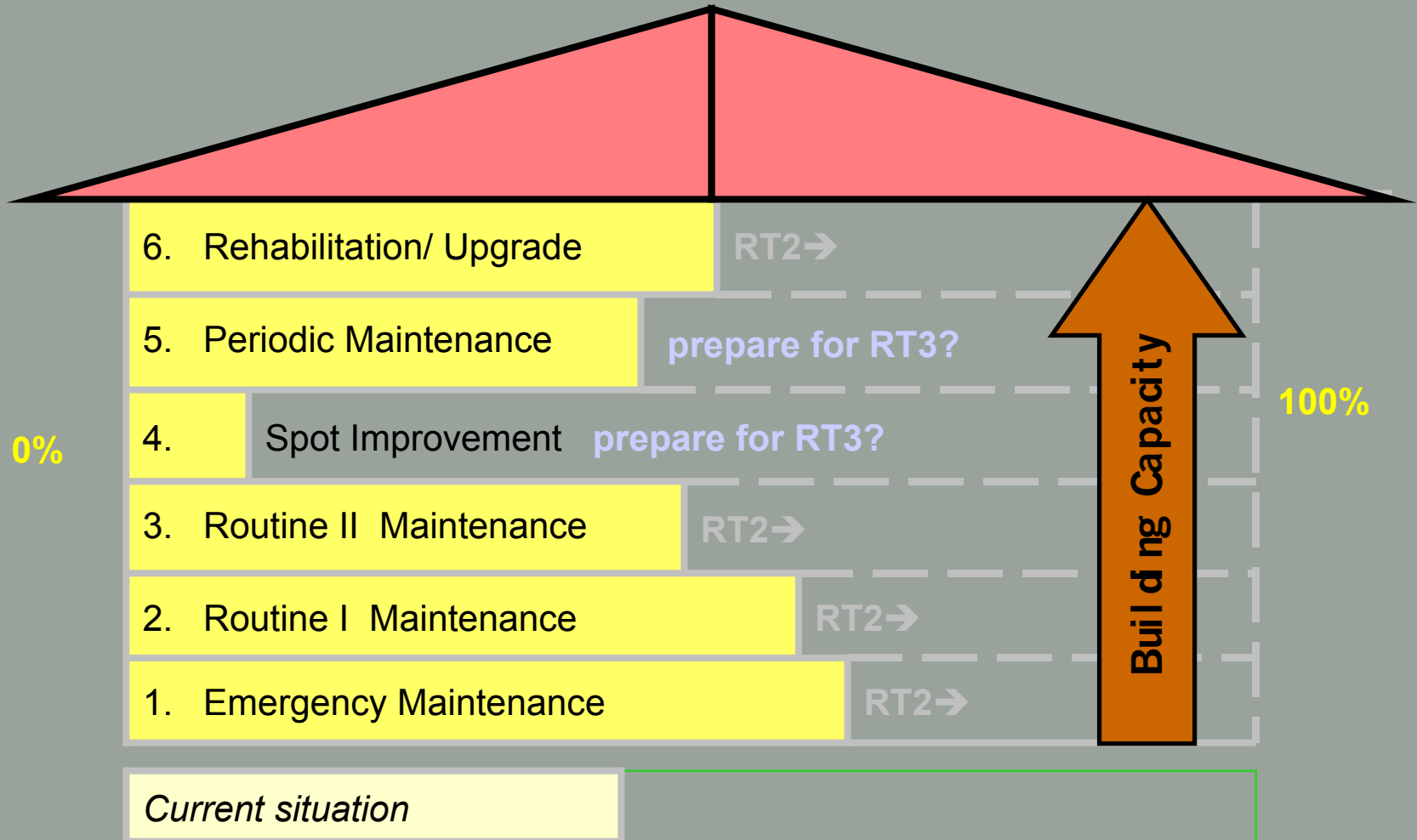
THE AVERAGE COMMUNE (1)

	Unit	National	Province	District	Commune
Number		1	57 / 61	500	10,000
Surface Area	km²	333,000	5,500	660	33
Size	km x km	-	75 x 75	25 x 25	6 x 6
Population	‘000	80,000	1,300	160	8
Roads - National	km	8,600	-	-	-
- Provincial	km	18,000	300	-	-
- District	km	38,000	1,400	170	8
- Commune	km	47,000			
10 000km of Commune + District Roads for Rehabilitation under RT2 = 12% total length					

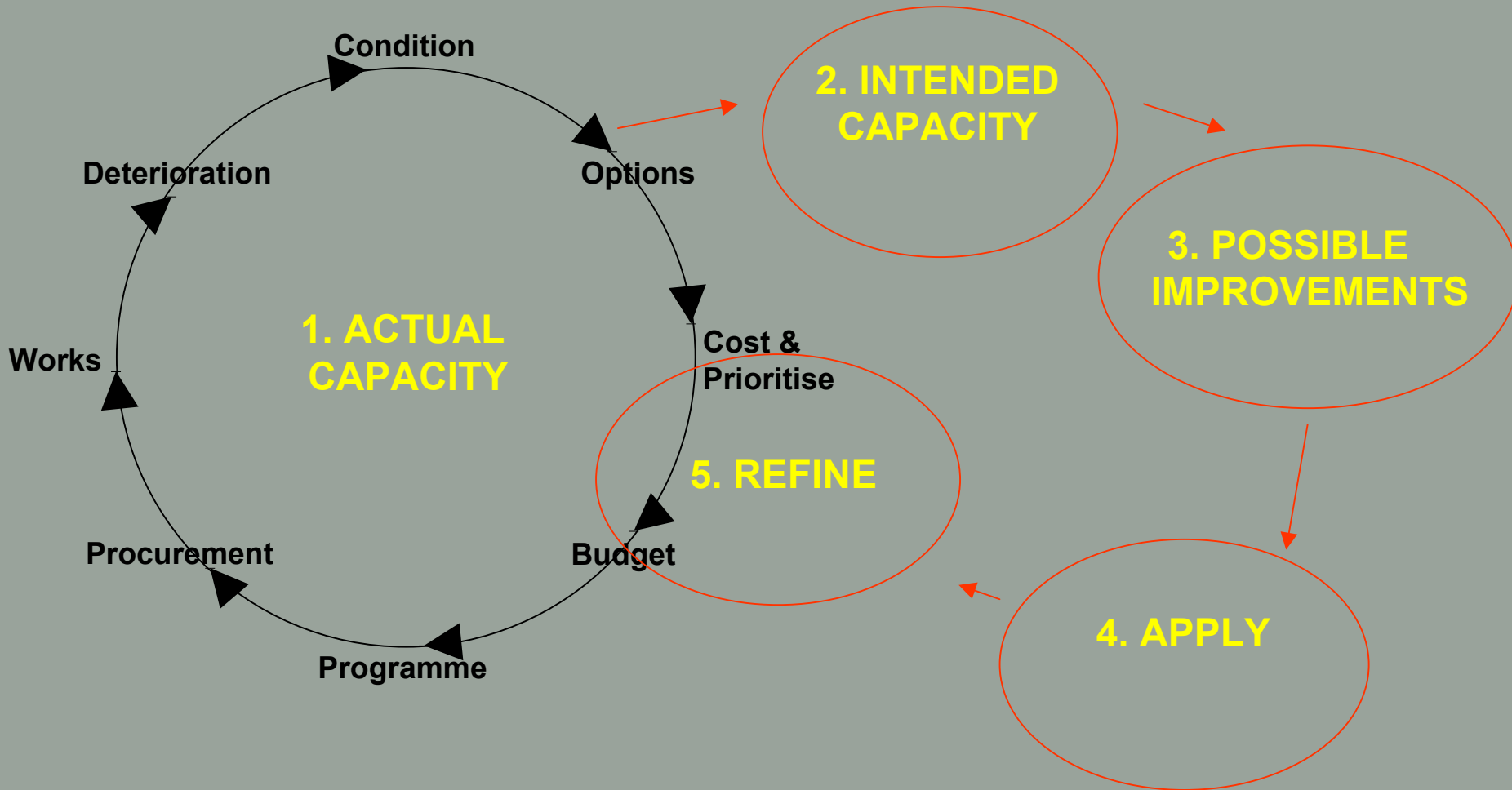
THE AVERAGE COMMUNE (2)



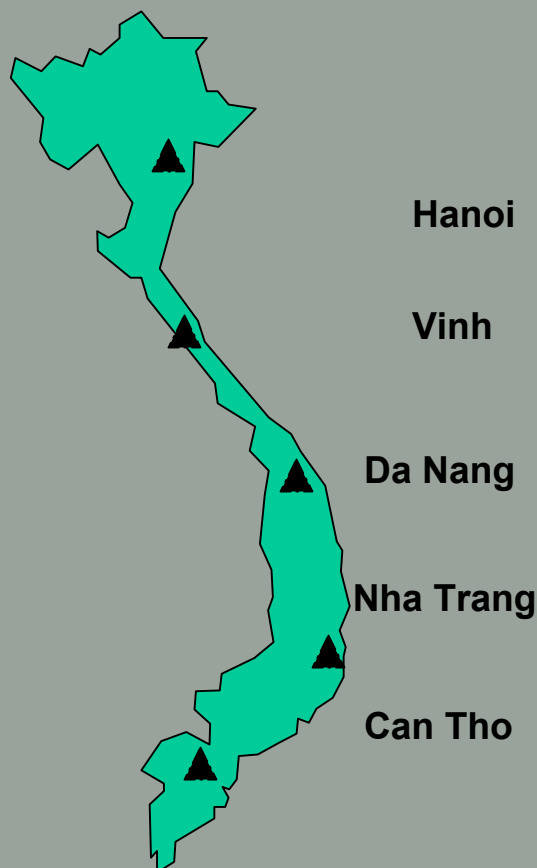
Sustainable Maintenance Strategy



BUILDING MAINTENANCE CAPACITY



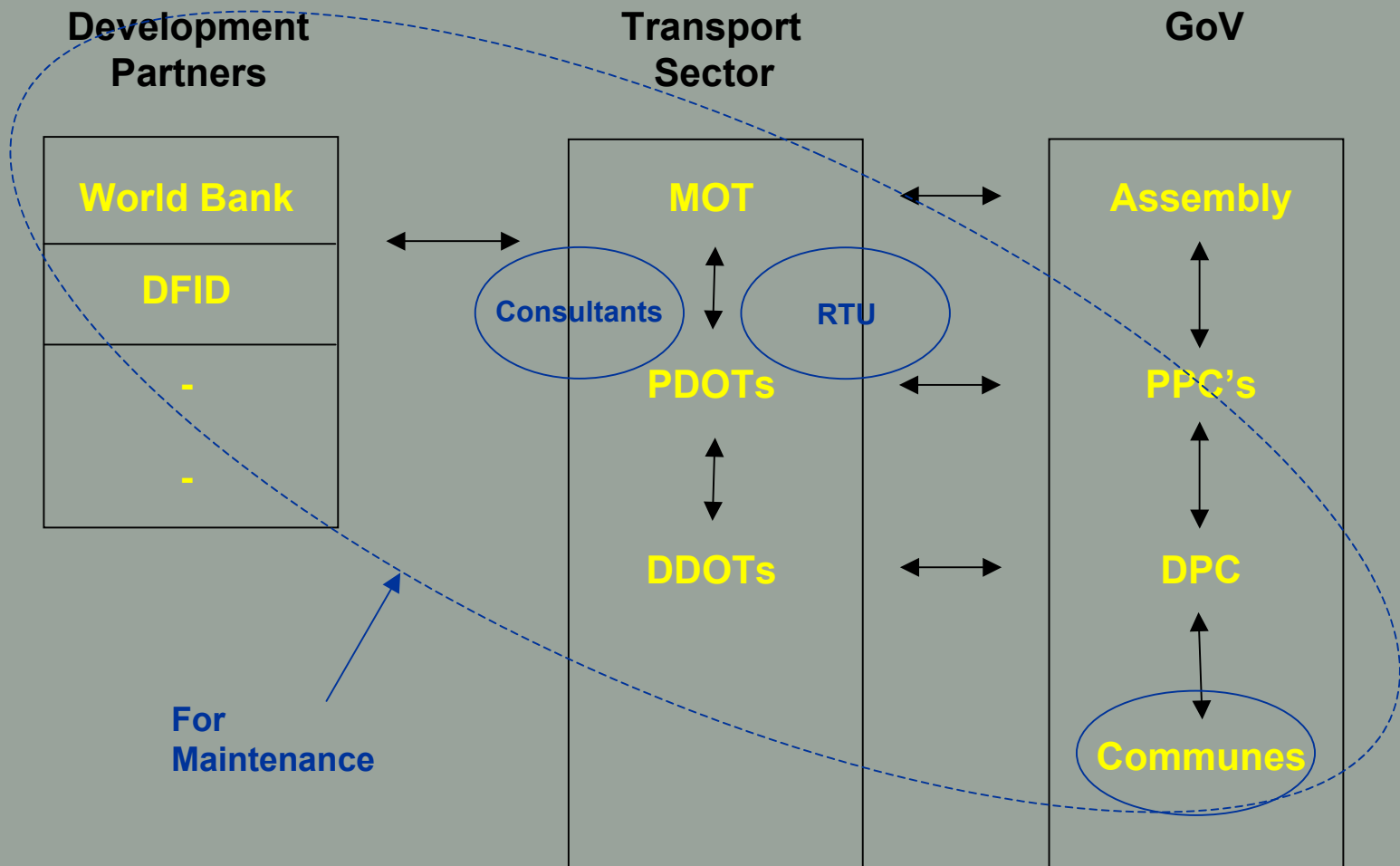
RT2 Provincial Engagement



↓ ↓ ↓ ↓				
2002	2003	2004		Total
2	3	3		8
2	3	3		8
1	3	4		8
1	3	3		7
2	4	3		9

Aug 2002 – 4 Annual Agreements Completed
 Dec 2002 – 8 Annual Agreements Completed
 Jun 2003 – 24 Annual Agreements Completed
 Dec 2003 – 40 Annual Agreements Completed

INSTITUTIONAL ARRANGEMENTS FOR MAINTENANCE



The End

RT2

REHABILITATION

+

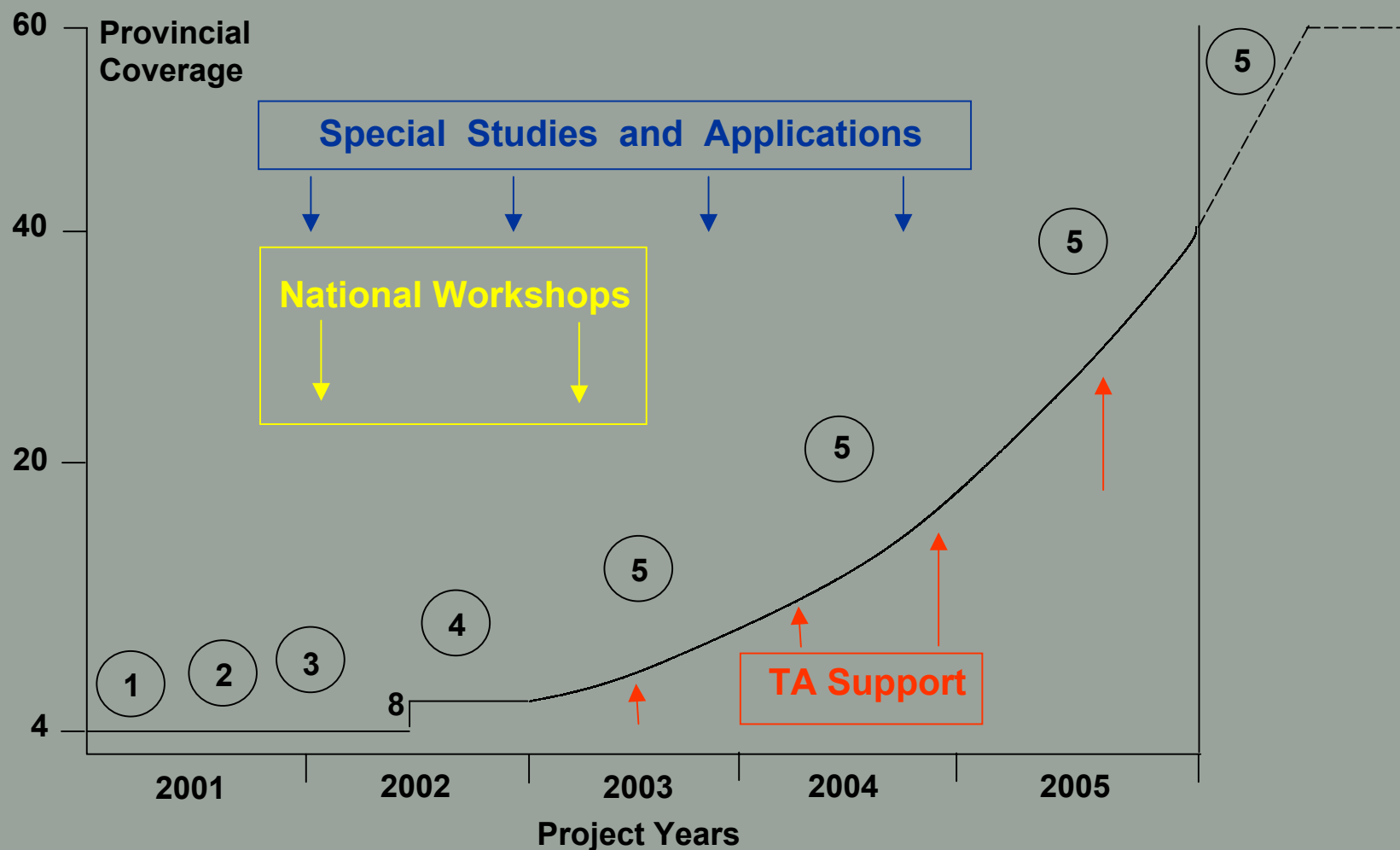
MAINTENANCE

RT2

REHABILITATION

MAINTENANCE

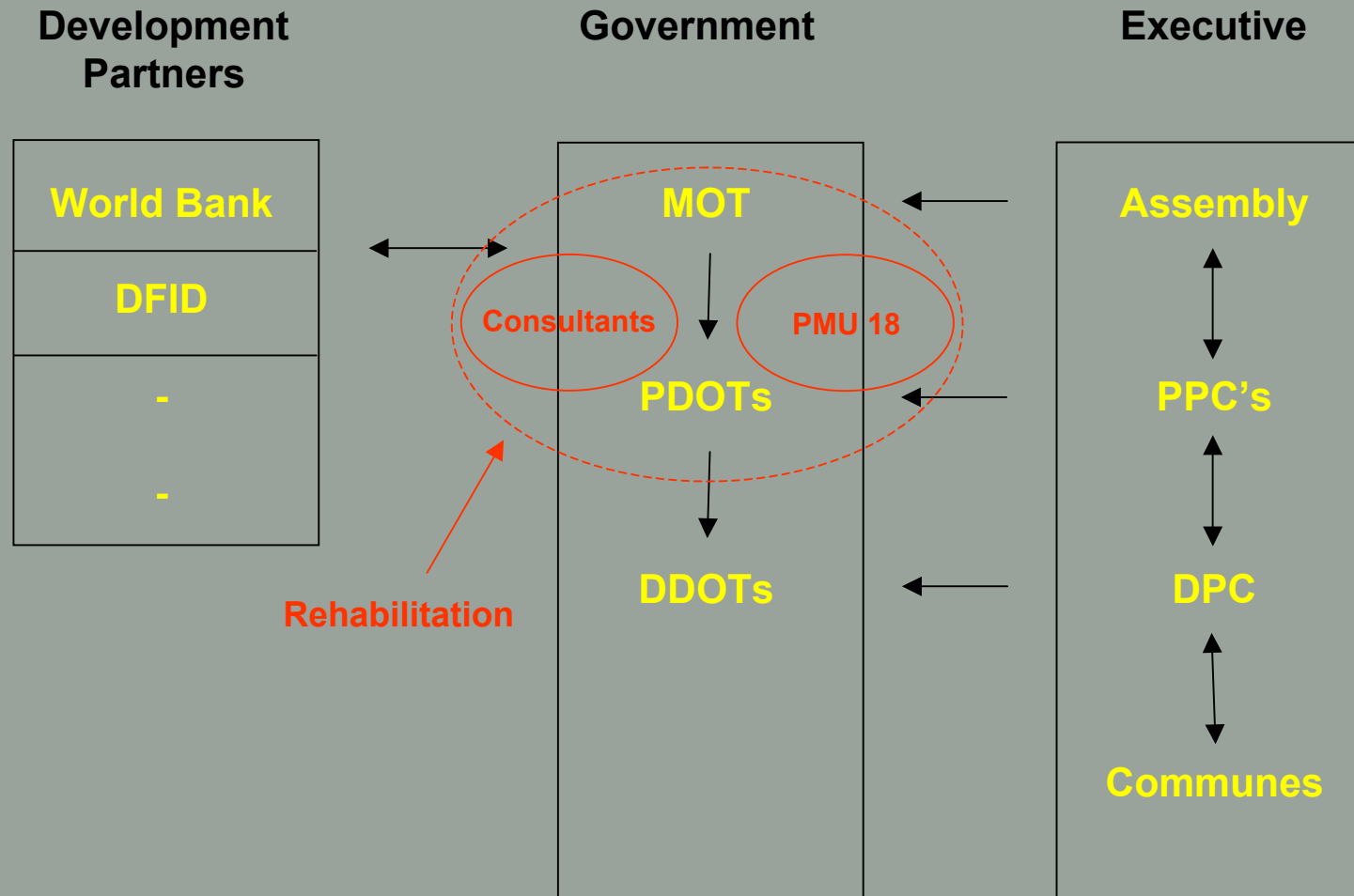
PROMOTING A NEW MAINTENANCE CULTURE



MAJOR INLAND WATERWAYS – SOUTHERN VIET NAM



INSTITUTIONAL ARRANGEMENTS FOR **REHABILITATION**



SURFACING TRIALS

**Bac Lieu Surface Options - Whole Life Costs
(discounted @ 10%)**

