

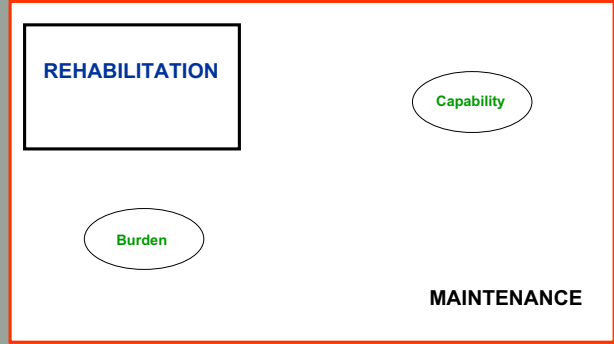
PIARC Rural Transport Seminar

Theme – RURAL TRANSPORT – KEY ELEMENT of DEVELOPMENT

Presentation of Paper on
SUSTAINABLE ROAD MAINTENANCE IN VIET NAM

by
Roger Weatherell, WSP and Tran Tien Son, MoT, Viet Nam

RT2

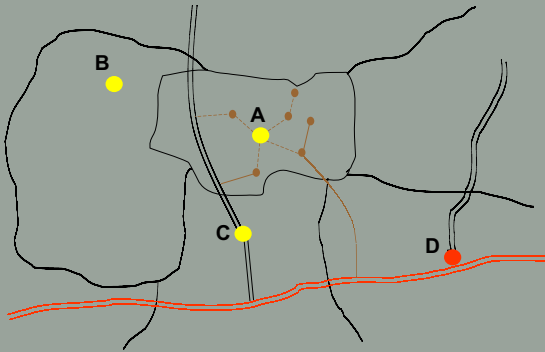


THE AVERAGE COMMUNE (1)

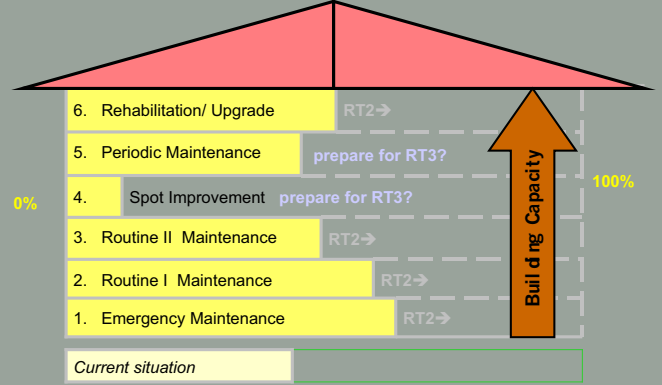
	Unit	National	Province	District	Commune
Number		1	57 / 61	500	10,000
Surface Area	km ²	333,000	5,500	660	33
Size	km x km	-	75 x 75	25 x 25	6 x 6
Population	'000	80,000	1,300	160	8
Roads - National	km	8,600	-	-	-
- Provincial	km	18,000	300	-	-
- District	km	38,000	1,400	170	8
- Commune	km	47,000			

10 000km of Commune + District Roads for Rehabilitation under RT2 = 12% total length

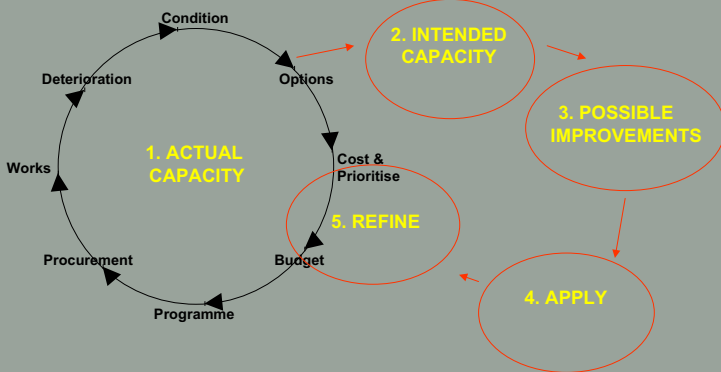
THE AVERAGE COMMUNE (2)



Sustainable Maintenance Strategy



BUILDING MAINTENANCE CAPACITY

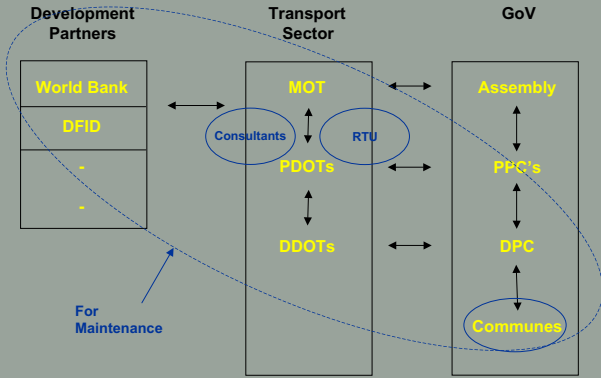


RT2 Provincial Engagement

	2002	2003	2004	Total
Hanoi	2	3	3	8
Vinh	2	3	3	8
Da Nang	1	3	4	8
Nha Trang	1	3	3	7
Can Tho	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

+

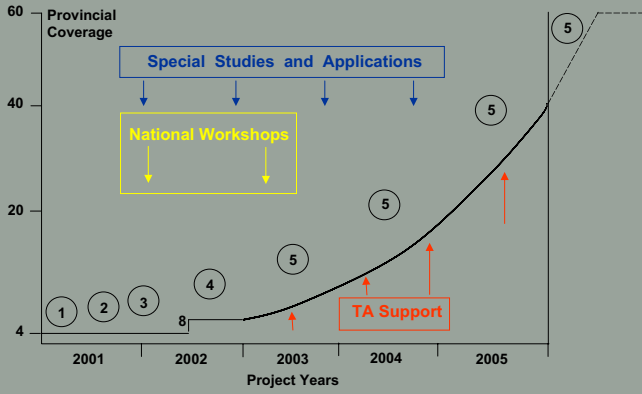
MAINTENANCE

RT2

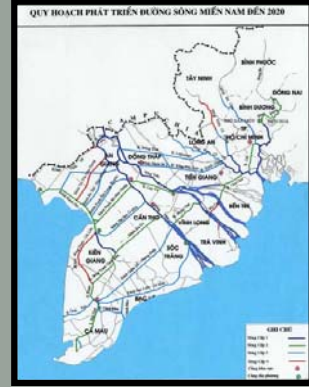
REHABILITATION

MAINTENANCE

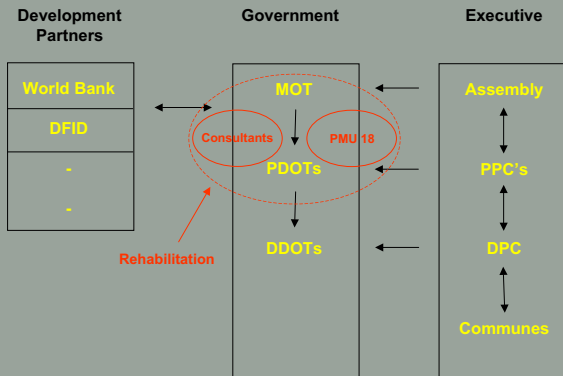
PROMOTING A NEW MAINTENANCE CULTURE



MAJOR INLAND WATERWAYS – SOUTHERN VIET NAM



INSTITUTIONAL ARRANGEMENTS FOR REHABILITATION



SURFACING TRIALS

