

# GFP Viet Nam

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grütter  
— consulting

matching transport with carbon finance

# Company Background

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- Design, planning and implementation of GHG transport projects worldwide since 1992
- Development, negotiation and monitoring of the first GHG reduction sales agreement of transport companies in Europe
- 1<sup>st</sup> approved CDM transport methodology, 1<sup>st</sup> registered CDM transport project, 1<sup>st</sup> registered VCS transport project
- Design and implementation of green investment fund in Viet Nam and other countries
- Projects realized in Viet Nam since 1998
- Work in low carbon transport on policy level, finance (e.g. NAMAs, CDM), implementation level, technologies, monitoring

# Experience GF

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- Long-term advisory of more than 100 freight transport companies with 10 to 2,000 trucks
- Advisory services to trucking associations
- Green freight project design, implementation and monitoring since 1998
- Measures implemented at client companies:
  - Eco Drive
  - Aerodynamics
  - Low-rolling resistance tires
  - Low viscosity oils
  - Logistics measures
  - Load improvement
  - Larger trucks
  - Road-to-rail, road-to-ship
  - Clean fuels (LNG, biofuels)
  - Electric and hybrid trucks

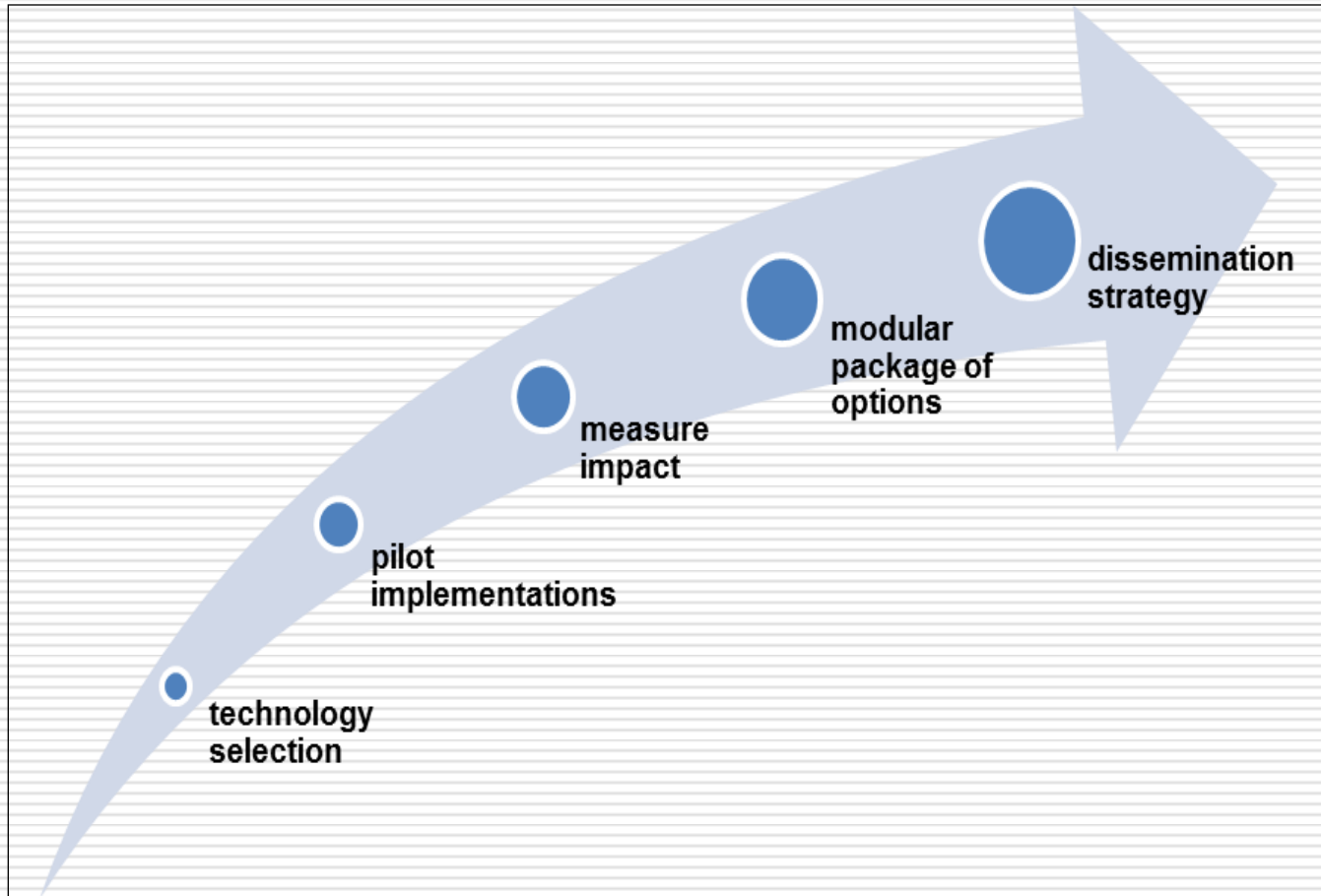
# Objective

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- The **overall objective** of the program is to reduce the carbon footprint of freight transport across the GMS Economic Corridors. Low carbon sustainable freight transport shall be fostered in Viet Nam.
- The **objective of the assignment** or the green freight project (GFP) is to test a decentralized model to deploy green freight interventions among SMEs engaged in road freight in Viet Nam.

# Approach

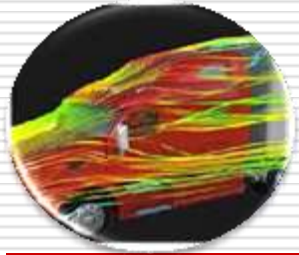
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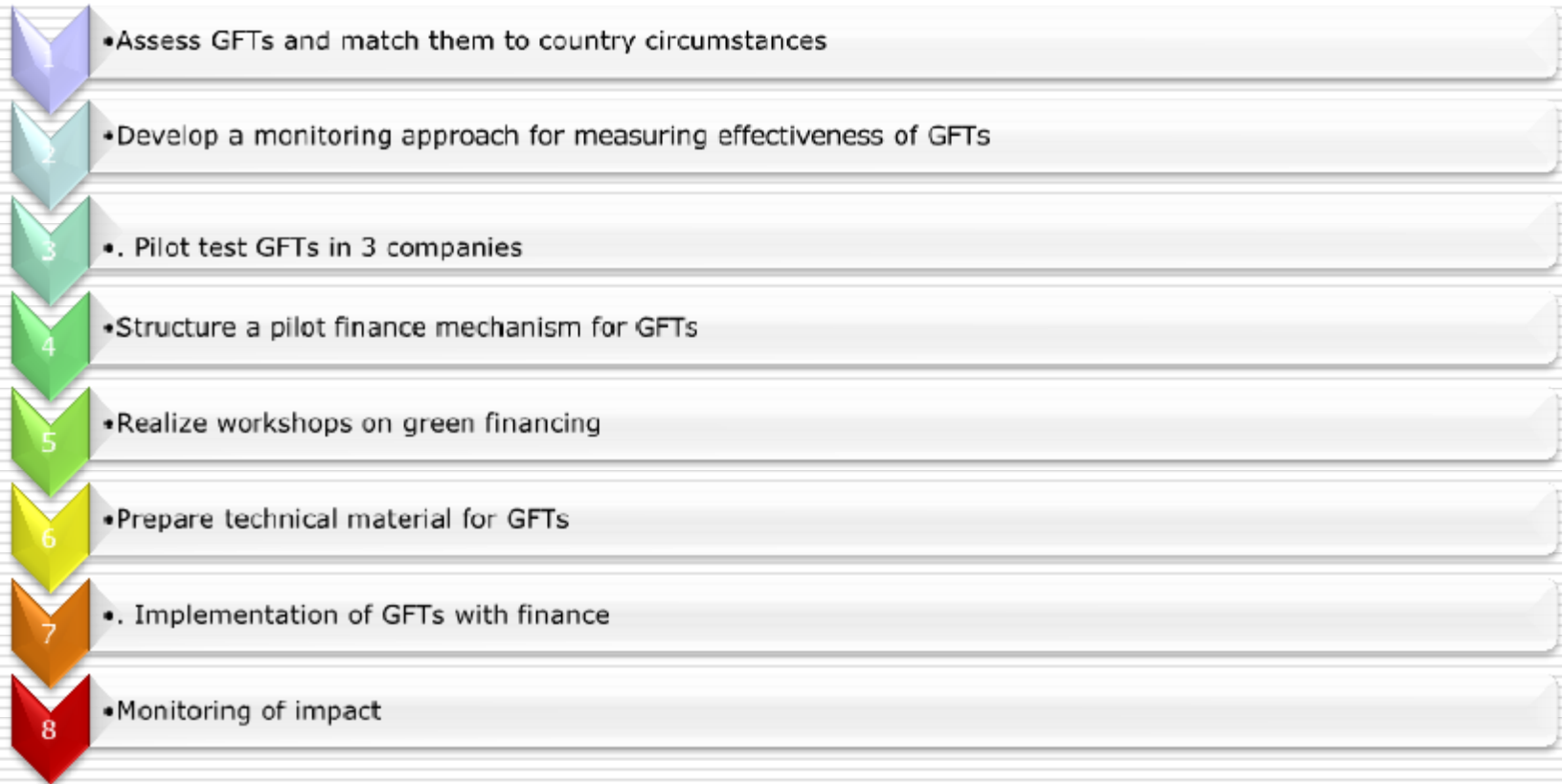
# Components

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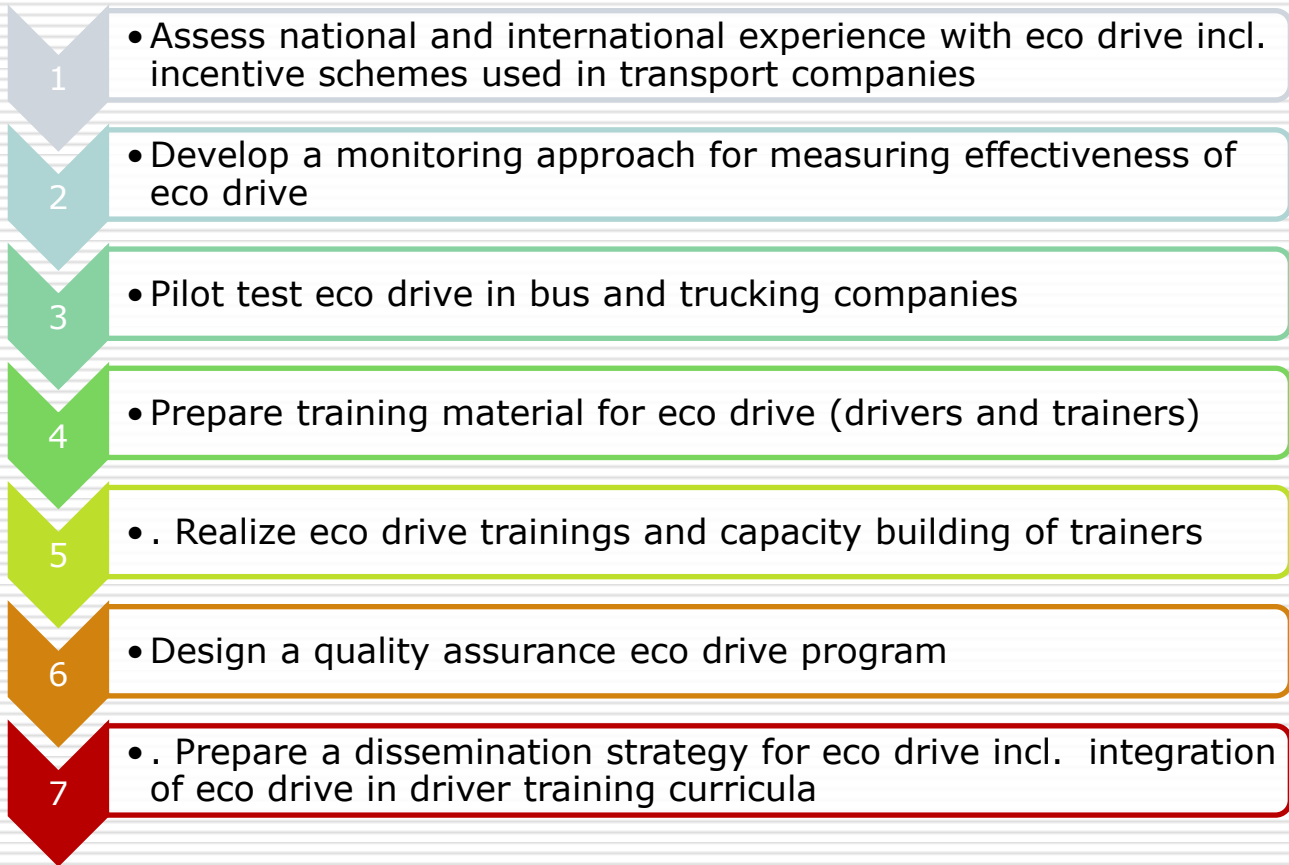
- Green Technologies and Financing
- Eco Drive
- Logistics and empty backhaul



# Green Technologies and Financing



# Eco Drive





# Logistics management incl. reduction of empty backhaul

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Assess the situation of empty backhaul  
and identify potential solutions to  
increase the load factor of trucks

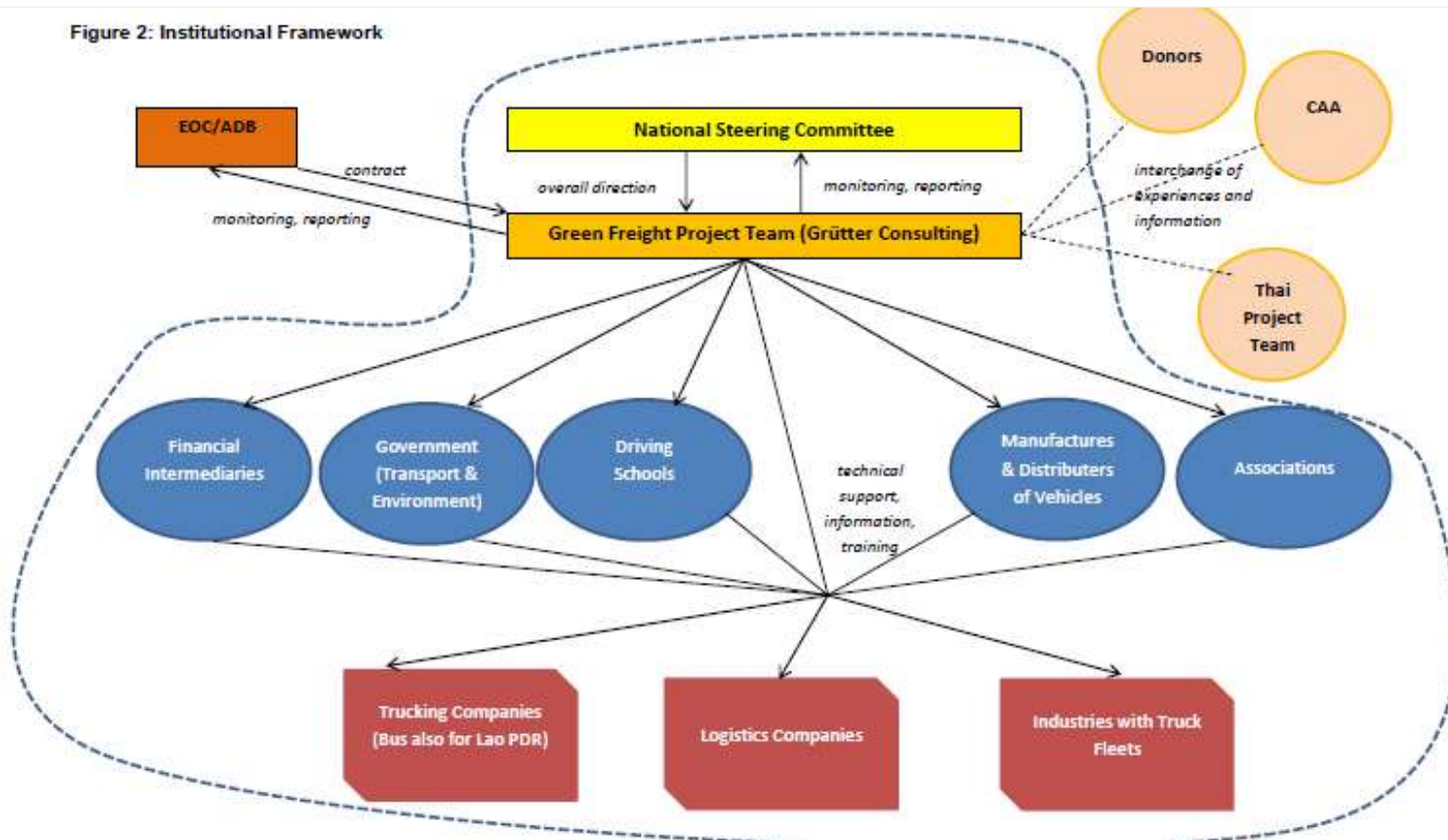
Develop a monitoring approach for  
measuring effectiveness of logistics  
measures

Pilot test logistics measures to reduce  
empty backhaul

Develop a dissemination strategy for  
logistics measures

# Institutional Framework

Figure 2: Institutional Framework



# Organization Vietnam

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- ❑ Team Leader: Jürg Grütter
- ❑ Vice team leader: Daniel Wunderlin
- ❑ National coordinator: Tran Tien Dung
- ❑ Project manager: Ly Tuyet Dang
- ❑ Finance expert: Le Thi Thoa

# Work Plan I

ID	Component /Activity	2015												2016					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
<b>G</b>	<b>GENERAL ACTIVITIES</b>																		
G1	Steering group meetings		X								X								X
G2	Identification of target association																		
G3	Final workshop																		X
<b>R</b>	<b>REPORTS</b>																		
R1	Inception report	X																	
R2	Report on GFTs incl. testing					X													
R3	Report on finance for GFT									X									
R4	Mid Term Report									X									
R5	Report on finance workshops											X							
R6	Draft driving program Eco Drive											X							
R7	Report on integration of Eco Drive																X		
R8	Report Eco Drive implementation																X		
R9	Report on logistics / empty backhaul																X		
R10	Quarterly progress reports			X			X		X			X				X			
R11	Final report																		X
<b>GFT</b>	<b>GREEN FREIGHT TECHNOLOGIES &amp; FINANCE</b>																		
1.1	Identify and assess GFTs																		
1.2	Monitoring approach to GFTs																		
1.3	Pilot test GFTs																		
1.4	Structure finance mechanism																		
1.5	Workshops on finance for GFTs																		
1.6	Technical material GFTs																		
1.7	Implement GFTs																		
1.8	Monitor implementation GFTs																		

# Work Plan II

ED	ECO DRIVE																		
2.1	Assess experience Eco Drive																		
2.2	Monitoring approach Eco Drive																		
2.3	Pilot test Eco Drive																		
2.4	Training material Eco Drive																		
2.5	Eco Drive trainings																		
2.6	Assess integration Eco Drive																		
2.7	Design QA Eco Drive																		
2.8	Dissemination strategy Eco Drive																		
LO	LOGISTICS AND BACKHAUL																		
3.1	Assess current situation																		
3.2	Monitoring logistics measures																		
3.3	Pilot test logistics measures																		
3.4	Dissemination strategy																		

# Core steps 2015

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## GREEN FREIGHT TECHNOLOGIES

- Report of GFTs incl. Application Vietnam: February
- Monitoring concept GFTs: realized
- Select enterprises for pilot (3): February + March
- Realize pilot tests GFT: June
- Prepare structure for implementation 20 enterprises: end 2015

## ECO DRIVE

- Report on Eco Drive: April
- Monitoring concept: realized
- Pilot training (10 drivers): July
- Training material and curricula: end 2015

## LOGISTICS

- Status report and possibilities: September

# Modular Project Reports



# Open questions

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- Government programs important for project e.g. green freight or logistics strategy
- Steering group meetings: frequency