Module 3: **THE IMPORTANCE OF RURAL ROAD MAINTENANCE**

### Objectives

After fulfilling Module 3, you will understand the Importance of Rural Road Maintenance for:
- Local socio-economic-cultural conditions.
- Their living environment & their own life

### Requirement

The participants are required to have comprehended:
- Module 1: "Local Road Network"
- Module 2: "Concepts of Rural Road Maintenance"

### Methodology

- The participants are briefly introduced about the role of Rural Road Network and Rural Road Maintenance in local and national socio-economic conditions.
- The participants relate the role of the local road network and rural road maintenance to their living environment & their own life.
- Self-Evaluation

### Training Kit

- Rural Road Maintenance Handbook.
- Module 3 “The Importance of Rural Road Maintenance”

### Studying Activities

1. Learn about the role of the local road network to agriculture & commune socio-economic conditions.
2. Learn about the importance of rural road maintenance.
3. Apply to your local circumstance
Part I: Integrated Theory + Practical Training based on Rural Road Maintenance
Handbook
Module 3: The Importance of Rural Road Maintenance

4. Self-assessment
1. **The role of the Rural Road Network in agricultural production and rural socio-economic conditions.**

Look at the presentation below concerning the role of the Rural Road Network:

- **Promote agricultural production**
  - Mechanicalize agricultural production
  - Sell off agricultural products quickly
  - Agricultural Products are sold to end
  - Access to scientific-technical support in agricultural production

- **Create jobs and increase incomes**
  - Cottage industry and Handicraft Development
  - Agricultural product processing Enterprises
  - Transport Business
  - Service, Tourism
Look at the presentation below about the Local Road Network in Vietnam.

- Electrification rural area together with extending rural
- Commune House of Culture
- Commune High School
- Commune Health Center

The role of the rural road network

- Improve Commune outlook
- Improve spiritual and cultural life

Look at the presentation below about the Local Road Network in Vietnam.

37,974km District roads
(15% are concreted and bituminous)

18,344km Province roads
(44% are concreted and bituminous)

134,463km Commune roads
(10% are concreted and bituminous)

Rural area accounts for 90% area and 80% population.

The Rural Road Network with a total length of

It is crucial to maintain the rural road network, sustain its quality to contribute to production development in major economic sectors, to ensure the living condition for the majority of national population.
Quality construction and maintenance of the Rural Road Network are catalysts for development of agricultural economy and improvement of Vietnam rural outlook.

2. The importance of Rural Road Maintenance

Maintaining good road condition means conserving valuable asset!
Part I: Integrated Theory + Practical Training based on Rural Road Maintenance

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Module 3: The Importance of Rural Road Maintenance

Looking for source of capital (loan, fund ???)

Rural Road Constructing Project

Using without maintenance or with bad maintenance

How much money of your Commune will be wasted ???

................................

Retarding road deterioration and prolonging road life!

Weather effects: rain, sunlight, ...

Traffic loading: truck, motorbike, cart

Rural Road Network
Part I: Integrated Theory + Practical Training based on Rural Road Maintenance Handbook
Module 3: The Importance of Rural Road Maintenance

Over the time

Road gradually deteriorates and subjects to damages

No maintenance

Serious road defects, impassable/Unusable

Rebuild Road

Good maintenance

Good road condition

Rebuild road

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Saving time and traveling costs!
Look at the following figure and fill necessary information in the blank.

The ........ Road Maintenance is, the faster traveling is!

Bad road condition is due to ......., it is more difficult to pass!

Keeping your vehicles in a good condition and low fuel consumption!
Look at the following figure and fill necessary information in the blank.
Saving Vehicle Operation Cost!
Look at “Rural Road Maintenance Handbook” page 11 and the following figure, then fill necessary information in the blank of the figure.

1. From above calculation, find out how much money will be wasted if your locality does not implement Rural Road Maintenance well?
Increasing economic and social attractiveness in your area!

The REGION has a good road network due to maintenance: comfortable & safe travel and good natural environment.

Add more benefits brought about by good local road network:

1. ...........................................................................................................................
2. ...........................................................................................................................
3. ...........................................................................................................................
4. ...........................................................................................................................
5. ...........................................................................................................................
Well executing national regulations of road maintenance!

Regulation of state and citizen’s responsibilities for protecting and maintaining the rural road.

“Defects must be repaired soonest – if they are ignored the costs will be at least doubled.”

Timely maintenance can not only save rehabilitation cost but also result in a great deal of interests.

1. Completing the following paragraph:
   Commune Road Network that is constructed and well maintained will promote the development of agricultural economy.

.................................................................

.................................................................
2. Tick (✓) in the appropriate boxes to indicate the importance of rural road maintenance

- Maintaining good road condition means conserving national valuable asset

- Maintaining good road condition yields more cropping benefits

- Maintaining good road condition eliminates road damages & prolongs road service

- Maintaining good road condition retards road deterioration and prolongs road life

- Maintaining good road condition facilitates vehicle traveling, lowers fuel consumption

- Maintaining good road condition means saving travel time & cost

- Timely maintaining road means saving much money

- Maintaining good road condition makes traffic volume increasing, then more pollution
- Maintaining good road condition means contributing to economic development

- Taking part in road protection & maintenance means complying with National Regulations

Good   Not good