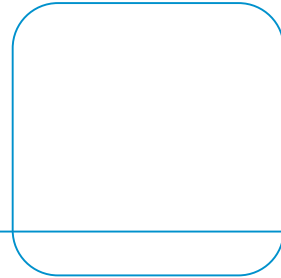
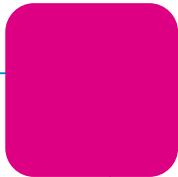


# SNV



## Smallholder Academy



Hans Harmen Smit

Kuala Lumpur

24 October 2018



# Content

1. Introduction: Background
2. Topics
  1. The Landscape Approach
  2. Beyond Certification: The ISCC Landscape Approach
  3. SNV/WUR Better Management Training Programme
3. Better Management Practices (BMP) Trainings
  1. BMP Training Programme
  2. High Impact Trainings
  3. Learning Activities
  4. Training Materials
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**Providing support and incentives to smallholders to make a transition to sustainable production systems**

# Topics



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# ISCC Deforestation-Free Certification

**ISCC Independent Smallholder Certification contributes to the implementation of environmentally, socially and economically sustainable production.**

1. Set up a Central Office (CO) organisation
2. Receive SNV/WUR Better Management Training
3. Conduct a baseline audit and implement corrective measures
4. Become certified



# Beyond Certification: The ISCC Landscape Approach

Conducted steps

1. Risk assessment of sourcing areas

2. Calculate risk factor of assessed sourcing areas

3. Calculate risk factor for smallholders' sourcing areas

4. Detailed analysis of smallholder plantations

## According to:

- Deforestation & grassland conversion
- Biodiversity
- Carbon stock
- Social issues

Calculation of risk factor for sourcing areas based on a defined radius

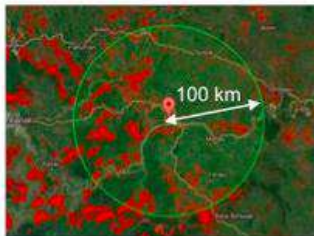
*Addresses of oil mills known*

Calculation of risk factor for smallholders within sourcing areas with a high risk

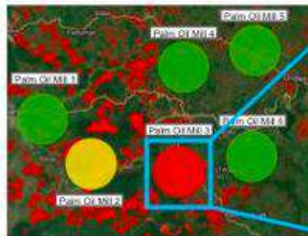
*Location of smallholders known*

For smallholders with high risk a detailed verification of Land Use Change based on Landsat EVI possible

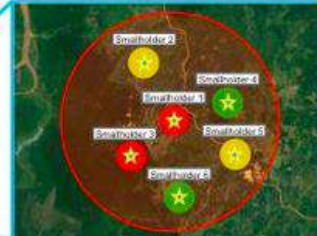
*Plantation boundaries needed*



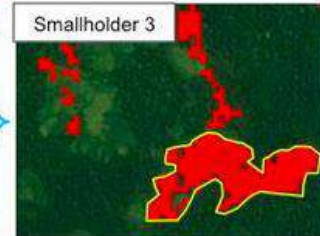
Risk assessment



Risk factor per oil mill



Risk factor per smallholder



Plantation analysis

# SNV/WUR Better Management Training Programme



[About](#) [Process](#) [Certificates](#) [Trainings & Events](#) [Stakeholders](#) [Smallholder Academy](#)

Smallholder Academy - SNV/WUR Better Management Training Programme

## SNV/WUR Better Management Training Programme

### SNV Training on better management practices for oil palm smallholders

Due to limited access to information and technical assistance, independent smallholders typically perform relatively poor in terms of productivity. The yield gap is estimated about 40% compared to a good agricultural practice scenario.<sup>1</sup> This is mostly due to inferior planting material and haphazard plantation management.

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[SNV/WUR Better Management Training Programme](#) v

7



Improving  
yields,  
reducing  
deforestation

## **BMP Training Programme for Oil Palm Smallholders**



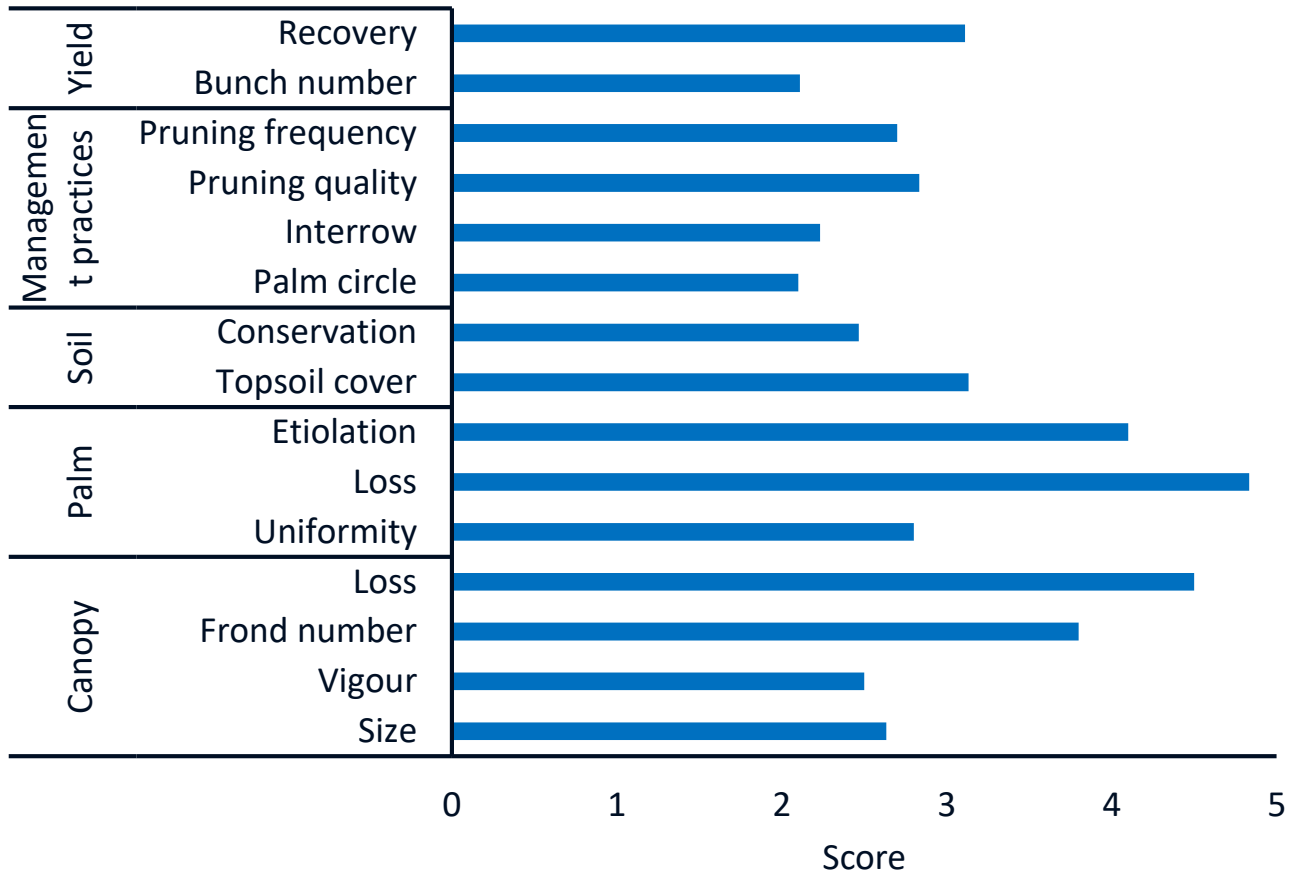


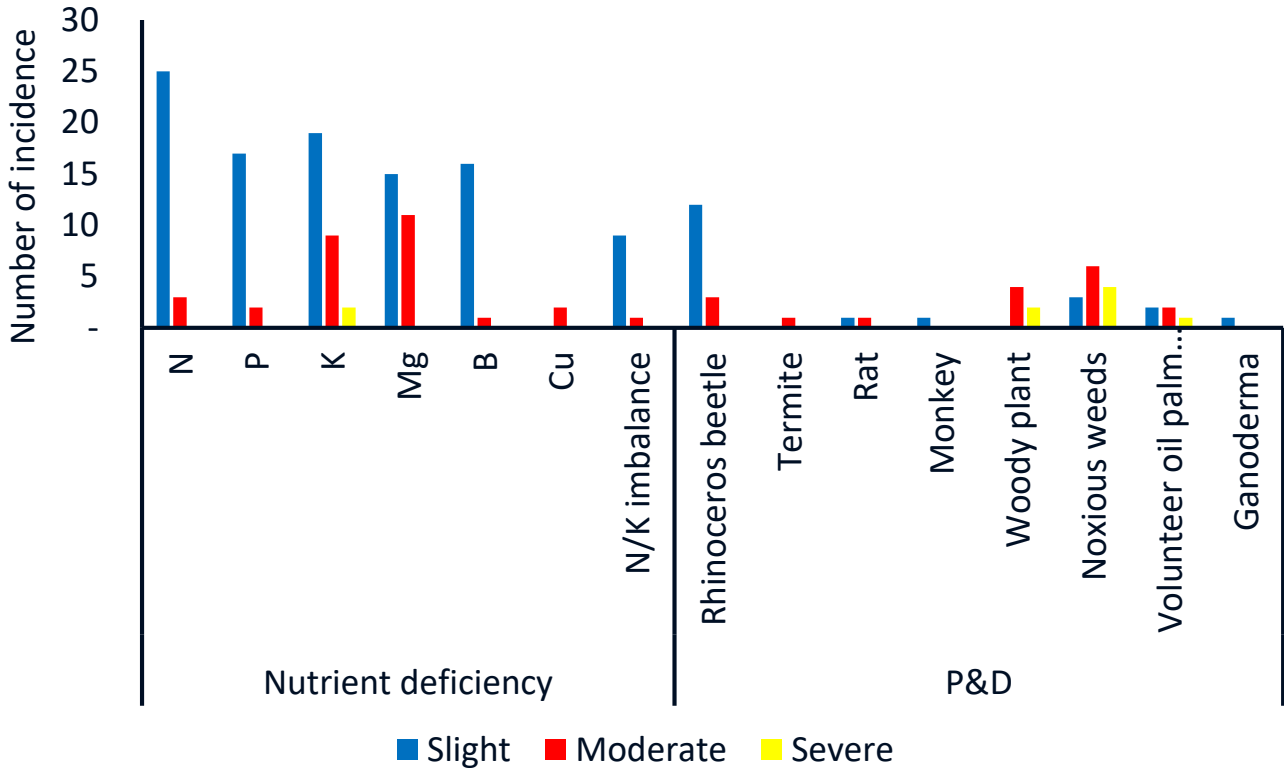
# BMP Training Programme

Providing oil palm smallholders with the tools, knowledge and capacity to increase yields and incomes while reducing deforestation

- Focus on agronomy
- Includes environmental awareness raising
- Aim to increase yields by at least 20% after 2 years







# BMP Training Programme



## 5. Pests and Diseases

Identifying pests and diseases in the plantation and dealing with them effectively.

## 1. Planting Material

Evaluating planting material, and performing seed selection.



## Five training modules

## 4. Fertiliser Application

Applying the right type and amount of fertilisers to ensure optimal yields with minimal damage to the environment.



## 3. Plantation Maintenance

Managing the plantation effectively, efficiently, and sustainably.



## 2. Harvesting, Grading, Transport

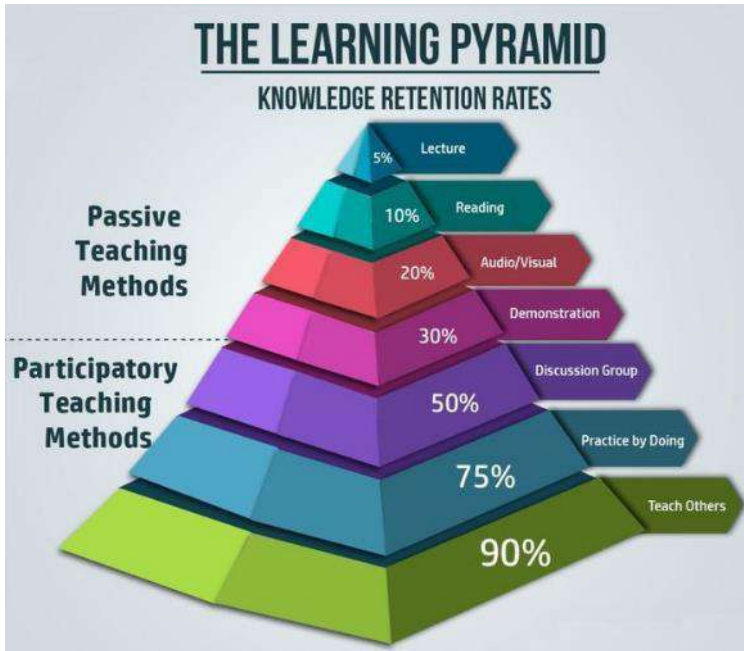
Ensuring that the bunches are harvested at the correct ripeness and arrive at the mill in optimal condition.



# High Impact Trainings (HIT)

- **Adult learning** – recognising that our participants have existing knowledge and experience
- **Relevance & value** – sequencing lessons so that participants can benefit quickly from their implementation
- **Participant profile** – materials match education and literacy levels of smallholders
- **Visuals** – simple and highly visual learning materials to reinforce learning
- **Active Learning** – activity-based methods engage participants, resulting in higher knowledge retention

# HIT method



**SNV** **HiB** Plant Health Plant Health Plant Health

**Activity 2: Dura fruit**

**Task 2: Dura fruit**

- Identify the fruit type.
- Identify the fruit parts.
- Identify the fruit parts.

**Task 3: Dura fruit**

- Identify the fruit type.
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**SNV** **HiB** Plant Health Plant Health Plant Health

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**Task 2: Dura fruit**

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# HIT Learning Activities

- Experiments
- Poster drawing
- Flashcard activities
- Case studies
- Practical activities



# HIT Materials

- **5 training manuals** – detailed technical content
- **Trainer Guide** – explaining how and what to train
- **Flip file** – visual centrepiece, to be used in the field
- **Tips & Tools** – hand-outs with guidelines and tools (e.g. Yield Recording sheet)
- **Trainer kits** – with flashcards, stationery, equipment, tangible examples





# HIT Training of Trainers Model

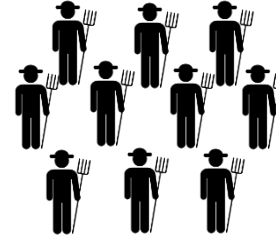
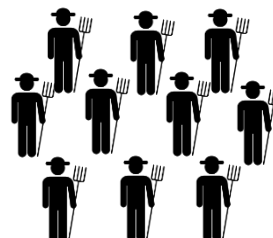
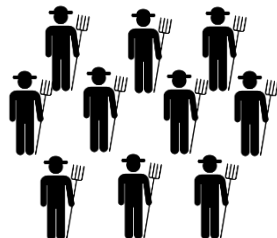
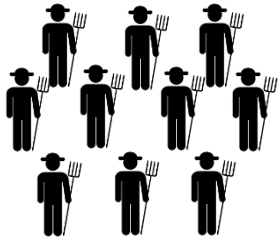
## Master Trainers

Agronomy experts, SNV



## Local Trainers

Company trainers  
Cooperative leaders  
Farmer group leaders



## Smallholder farmers

Organised in farmer groups

**Thank you for  
your attention**

**SNV**  

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