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Local Cucumber Variety trial and seed production

35th International Vegetable Training Course
“Vegetables: From Seed to Table and Beyond”
Module 1





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Name: Mr. An SIVONGSA

Country: Lao PDR

Organization: Horticulture Research Center

**My Main responsibility: Germplasm collection on
Cucumber and Pumpkin**





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Three topics in module 1

- **Practical in Indigenous Vegetable Breeding**
- **Irrigation for Vegetable production**
- **Seed health testing and management**





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Introduction

- There are diverse of local cucumber variety and popular in rural and outskirts of the town market of Lao country.
- Germplasm collection activity has been established at HHRC in the past few years but of its characterization and seed production still limited.
- Observation, characterization and documentation of these local cucumber varieties needs to be developed.
- Seed collection and production are also important to improve
- For further to generate farmers' incomes





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Objectives

- Support the development, upgrade and extend the HHRC On field trial (with high yielding and good characterization and suitable for the Lao market)
- To demonstrate in small scale for cucumber seed production at HHRC
- Improve incomes of small farmers, train and support farmers (new variety distribution).





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Project duration

- The project will started in November, 2016 and end in November 2019
- The first phase of the project the HHRC will upgraded and extended, the staff undergoing and variety trial will be conducted
- The Second phase: the target area and pilot farmer will selected. All pilot farmers undergo training in cucumber cultivation and seed production techniques.





Project activities and timeline

[illegible]



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Project output

- After 3 year project, new cucumber varieties with high yield and good agronomy characteristic will produced at the Center.
- Small quantity of cucumber seeds will be produced and keep its at HHRC storage for further development.
- 100 pilot farmers will trained in cucumber seed production techniques.
- New cucumber variety and seeds will be produced and distributed to farmers.
- It hope that the pilot farmer will spread out where cucumber growing.





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**Thank you for your
attention**

