**Objective**
The activity plan to develop and disseminate the appropriate vegetable production technologies for small-scale farmers responding to market demands will be made.

**Outcome**
1. To analyze the current situation and problems on vegetable production, distribution, selling and extension system of targeted areas.
2. To acquire useful vegetable production technologies in Japan.
3. To explain effective market research activity and system of distribution and sales.
4. To explain effective technology extension system and methods.
5. To develop comprehensive abilities to conduct experiments or research work to adapt useful Japanese technology to respective countries.
6. To make and present an action plan.

**Contents**
1. Making an inception report and its presentation
2. Acquiring useful vegetable production technologies in Japan
   (1) vegetable production techniques for high yield and high quality
   (2) vegetable seed production techniques
   (3) social economics and farm management
3. Understanding effective market research activity and system of distribution and sales
   (Marketing theory, Market research, Pricing strategy, Distribution system, Promotion, etc.)
4. Understanding effective technology extension system and methods
   (Research and extension system, Organizing farmers groups, Participatory approach, etc.)
5. Developing comprehensive ability on experiment and research
   (Identifying the topic, Formulating the individual experiment plan, Implementing the individual experiment, writing up the result of experiment)
6. Making an action plan and its presentation

**Target Organization / Group**
Public organizations or research institutes in charge of technology development or extension of vegetable production

**Target Group**
1. be engaged in vegetable production as researchers, training instructors or extension officers
2. have more than 3 years’ experiences (vegetable production)
3. be a graduate of university, not for Ph.D. holders
4. be a proficient in English

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**Outline**

In poverty rural areas, it is important to stably produce high value vegetables responding to market demand in order to increase farmers' income. This course provides practical knowledge and skills on market-oriented vegetable production technologies with field works. Comprehensive abilities to conduct experiments to adapt useful technologies to respective countries are also developed.