Role of JICA project on review of AI vaccination program in Indonesia

(Vaccination procedure)

Vaccination program has been implemented in the infectious areas but the significant barriers to reducing the incidence remains

Support on Reviewing the Vaccination strategy

- Make the suggestion by the Workshop

Several possible problems in vaccination program, but few information or data to identify them

Evaluation of project program by General monitoring

Role of JICA project on review of AI vaccination program in Indonesia

(Constraints of AI control)

Inadequate certification system, Inactivated in storage condition etc...

Evaluation of technology by Environmental monitoring

Inadequate Vaccination strategy from Japan

Inadequate Vaccination in poultry

Low coverage in backyard

Inactivated in storage

Unreliable effect of new technology

Review the Vaccination strategy

Improve the General Monitoring (Early surveillance post vaccination by DIC)

- Improve the capacity for monitoring techniques + 7 DICs

- Appropriate sampling procedures in Active surveillance

Tentative Schedule of Project for “Improvement on the Vaccination program for Avian Influenza control in Indonesia”

<table>
<thead>
<tr>
<th>Start of Project</th>
<th>End of Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 2007</td>
<td>November 2009</td>
</tr>
</tbody>
</table>

- 2 times Trainings / course
- Epidemiology is included

- DIC Subang
- DIC Medan, Lampung
- DIC New Vaccine Development Laboratory

- 7 DIC
- 3 DIC
- 2 DIC

- 2 times per course
- 7 staffs / training

- Training (First)
- Training (Second)

- Procure equipment
- C/P Training in Japan
- Procure equipment
- C/P Training in Japan
- Procure equipment
- C/P Training in Japan

- Strengthen the General Monitoring (Early surveillance post vaccination by DIC)
- Improvement of capacity for monitoring techniques + 7 DICs
- Appropriate sampling procedures in Active surveillance

- Implementation of the Experimental Monitoring (Evaluation on the new technology)
- Select the new technology for improvement of vaccine program
- Trial of new technology in the specific areas in DIC
- Evaluation on the new technology by Experimental Monitoring

- Field survey by DIVA evaluation
- Hatchery vaccination program
- Night house for Intensive vaccination
- Cold chain for human use
- Monitoring post vaccination technique etc.

- Equipment in DIC
- Equipment in DIC
- Equipment in DIC

- General Monitoring
- Make a plan of monitoring
- Implement Monitoring
- Analysis of the result
- Review the plan of Monitoring
- Analysis of Monitoring

- Improve Experimental Monitoring (Implements in 3 DICs)
- Improve Experimental Monitoring (Implements in 3 DICs)
- Improve Experimental Monitoring (Implements in 3 DICs)

- Experiment A by HI test ELISA
- Experiment B by DIVA

- Discussion and Make experimental Plan
- Implement Monitoring
- Analysis of the result
- Make Experimental Plan
- Implement Monitoring
- Analysis of the result

- Support on Reviewing the Vaccination strategy

- Prepare for Workshop (First)
- Prepare for Workshop (Second)

- Chief Advisor / Monitoring Technique
- Project coordinator / Management of training
- Epidemiology
- DIVA technique
- AI control strategy
- Vaccination plan

- Long term
- Short term

- 3 months
- 3 months
- 2 months
- 2 months