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 வெளிநாட்டு வளங்கள் திணைக்களம்  
 Department of External Resources

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 இலங்கைக் கலாச்சாரம் (3 වැනි මහල), නු.ප.ප. 277, කොළඹ 00100, ශ්‍රී ලංකාව  
 தேசிய கொள்கைகள் மற்றும் பொருளாதார அலுவலகம், அமைச்சு  
 செயலகம் (3 ஆம் மாடி), ந.ப.ப. இல 277, கொழும்பு 00100, இலங்கை

Ministry of National Policies and Economic Affairs

The Secretariat (3<sup>rd</sup> Floor), P.O. Box 277, Colombo 00100, Sri Lanka

Web Site: www.erd.gov.lk

e-mail: info@erd.gov.lk



Office -  
 TA & UN/JICA/S/552  
 12 JUN 2017  
 Eastern Province  
 Trincomalee

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ඔබේ අංකය  
 உமது இல  
 Your No.

3/E

Amilini

DES/PER  
 forwarded for and

Attn: Officer In-charge of Foreign Training

Secretary/ Ministry of Provincial Councils & Local Government  
 Secretary/Ministry of Rural Economic Affairs

Dear Sir,

Cattle Management for Milk and Meat Production using Regional Resources  
 From 19<sup>th</sup> September to 18<sup>th</sup> November, 2017 - Japan

The Japan International Cooperation Agency (JICA) has requested us to submit nominations from eligible Government officials of Sri Lanka for the above programme. The GI Booklet and the Application Form submitted by JICA in this regard are enclosed for your information please.

You are kindly requested to submit nominations in line with the required qualifications mentioned in the "Nominee Qualifications" of the GI Booklet submitted by JICA. It is appreciated if you could submit two sets of applications along with the following documents on or before 26<sup>th</sup> June, 2017.

1. The duly filled Application Form for "JICA Knowledge Co-Creation Programme" (**hand written applications will not be accepted**) - Application Form can be downloaded from ERD public website.
2. Copy of the Nominee's English Score Sheet (e.g. TOEFL, TOEIC, IELTS)
3. Inception Report (Refer attachment of the GI)
4. Questionnaire (Refer attachment of the GI)
5. Copy of the relevant pages of the Passport
6. Copies of the certificates of Academic and Professional Qualifications
7. ERD Form 2 (Original only)

Please note that re-nomination of an official, already trained under a JICA programme will not be qualified for another JICA training programme within five (5) years of such training.

Your early response in this regard is highly appreciated.

Yours faithfully

Noor Rizna Anees  
 Addl. Director General  
 for Director General of External Resources

Copies to: 1. Chief Secretary/All Provincial Councils  
 2. DG/Dept. of Animal Production

Pl. submit your applications with the recommendation of the relevant line Ministry.

P & T Closing Date  
 19/06/2017

අධ්‍යක්ෂ ජනරාල් பணிப்பாளர் நாயகம் Director General	94-11-2484693 94-11-2434876	அலுவலகம் Office	94-11-2484500 94-11-2484600 94-11-2484724	ෆැක්ස් අංකය தொலை நகல் Fax	94-11-2447633
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# Knowledge Co-Creation Program (Group & Region Focus)

GENERAL INFORMATION ON

**"Cattle Management for Milk and Meat Production Using  
Regional Resources"**

**課題別研修「地域資源に基づいた乳肉生産のための牛の飼養管理」  
JFY 2017**

NO. J-1704344/ ID. 1784716

From September 19, 2017 to November 18, 2017

This information pertains to one of the JICA Knowledge Co-Creation Program (Group & Region Focus) of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

'JICA Knowledge Co-Creation Program (KCCP)' as a New Start

In the Development Cooperation Charter which was released from the Japanese Cabinet on February 2015, it is clearly pointed out that *"In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together."* We believe that this 'Knowledge Co-Creation Program' will serve as a center of mutual learning process.

# **I. Concept**

## **Background**

In many developing countries, cattle is valuable source of income in rural areas. Additionally, it is considered that cattle is one of the important domestic animals in terms of diversification of farming management, provision of animal protein, and sustainable and efficient utilization of natural resources as well.

While cattle is used for various purpose ( for milk and meat production, for working, etc ) in those developing countries, both quality and quantity of milk and meat production remains very low due to inadequate feeding management, lack of fodder supply with good quality, occurrence of animal disease, delay of genetic improvement and so forth.

## **For what?**

In this training course, it is aimed at contributing for enhancement of incomes of farmers by improving both milk and meat production through the provision of training program on the improvement of comprehensive cattle management ( management of nutrition and reproduction, improvement of milk quality and feeding ) .

## **For whom?**

This program is offered to technical instructor, extension officer, researcher and field veterinarian in the field of dairy and beef cattle husbandry who are in the position to lead farmers.

## **How?**

Participants will be given the opportunities to have 1) lectures, 2) practices, 3) site visits, and 4) discussions in order to achieve the above program aim.

## II. Description

1. **Title (J-No.):**  
Group Training Program on "Cattle Management for Milk and Meat Production Using Regional Resources" (J17-04344)
2. **Period of Program:**
  - Duration of whole program:** August, 2017 to May, 2018
  - Preliminary Phase:** August, 2017 to September, 2017  
(in a participant's home country)
  - Core Phase in Japan:** September 19, 2017 to November 18, 2017
3. **Target Countries:**  
Uganda, Egypt, Sri Lanka, Pakistan, Fiji, Myanmar, Liberia
4. **Eligible / Target Organizations:**  
Ministry of agriculture, agricultural extension center and university.
5. **Course Capacity(Upper limit of Participants):** 12 participants
6. **Working Language:** English
7. **Program Objective:**  
To develop human resources who plays leading role on cattle management for milk and meat production using local resources.
8. **Overall Goal:**  
The method on cattle management in the target organization is improved.
9. **Expected Module Output and Contents:**  
This program consists of the following components:

<b>(1) Preliminary Phase in a participant's home country</b> (August, 2017 to September, 2017) <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Expected Module Output	Activities
Inception Report is formulated.	Formulation and submission of the Inception Report to the respective country's JICA Office
<b>(2) Core Phase in Japan</b> (September 19, 2017 to November 18, 2017) <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>	

Expected Module Output	Subjects/Agenda	Methodology
To understand basic concept of physiology of cattle reproduction and be able to explain how to manage cattle reproduction aiming at yearly calving.	<ul style="list-style-type: none"> <li>• Artificial insemination</li> <li>• Clinical breeding</li> <li>• Breeding diagnosis</li> <li>• Artificial control of the reproduction</li> <li>• ET center</li> <li>• Livestock experiment station</li> </ul>	lectures, practices observations
To be able to explain about feed production with local resources, nutritional management for milk and meat production and relation between environmental factor and productivity of livestock.	<ul style="list-style-type: none"> <li>• Feed production</li> <li>• Utilization of by-products as feed</li> <li>• Nutrition of cattle</li> <li>• Evaluation of feed</li> <li>• Feed calculation and feeding method</li> <li>• Technique in preparing silage</li> <li>• Feed production in tropical region</li> </ul>	lectures, practices, observations
To be able to explain about milk quality improvement through hygienic approach such as prevention of mastitis and hygienic management of milk.	<ul style="list-style-type: none"> <li>• Milk quality improvement</li> <li>• Hygienic management</li> <li>• Voluntary hygienic management</li> <li>• Disease prevention of dairy cow</li> <li>• Hygienic distribution of raw milk</li> <li>• Milking</li> <li>• Treating diseased cow</li> <li>• Hygienic handling of raw milk</li> </ul>	lectures practices observations
To be able to explain about efficient meat production by dairy bull and old dairy cow.	<ul style="list-style-type: none"> <li>• Beef cattle production</li> <li>• Feed control for dairy bull</li> <li>• Meat assessment</li> <li>• Slaughter factory</li> <li>• Beef cattle farm</li> </ul>	lectures, practices observations
To be able to formulate extension plan concerning cattle management for sustainable milk and meat production using local resources.	<ul style="list-style-type: none"> <li>• Development of the manual on cattle management for sustainable meat and milk production</li> <li>• Formulation of extension plan</li> </ul>	lectures practices

The contents are subject to change due to the coordination of curriculum.

**(3) Finalization Phase in a participant's home country**

(November, 2017 to May, 2018)

*Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.*

Expected Module Output	Activities
To implement the Interim Report (action plan)	Application and implementation of the Interim Report (Action Plan) <i>brought</i> back in the target country. Submission of the final Report is recommended by May, 2018 to the JICA Hokkaido.

※ Participants are requested to submit a report on their activities by answering "Questionnaire on the progress of the JICA ex-participants' activity" to JICA Hokkaido International Center (Obihiro) by e-mail ([jicaobic@jica.go.jp](mailto:jicaobic@jica.go.jp)) seven months after returning to their countries.

### **III. Conditions and Procedures for Application**

#### **1. Expectations for the Participating Organizations:**

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to utilize the program for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the program to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, participating organizations are expected to make due preparation before dispatching their participants to Japan by carrying out the activities of the Preliminary Phase described in section II-9.
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants in Japan by carrying out the activities of the Finalization Phase described in section II-9.

#### **2. Nominee Qualifications:**

Applying organizations are expected to select nominees who meet the following qualifications:

Participants who should;

- (1) Current duties: Technical instructor, extension officer, researcher and field veterinarian (on-site extension workers or technical experts are preferable) who has more than three (3) year practical experience.
- (2) Educational background: a university graduates or equivalent.
- (3) be nominated by their government in accordance with the procedures mentioned in III-4. below.
- (4) Language: competent command of spoken and written English, which is equal to TOEFL iBT\* 72 (CBT\*\* 200/PBT\*\*\* 533) or more (The program is

commanded by English, therefore participants are requested to have sufficient English ability).

\*IBT: Internet-Based Testing/ \*\*CBT: Computer-Based Testing/

\*\*\*PBT: Paper-Based Testing,

- (5) Health: must be in good health, both physically and mentally, to participate in the Program in Japan. Pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus.

### 3. Required Documents for Application:

(1) **Application Form:** The Application Form is available at the JICA office (or the Embassy of Japan).

(2) **Photocopy of passport:** to be submitted with the application form, if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

\*Photocopy should include the followings:

Name, Date of birth, Nationality, Sex, Passport number and Expire date.

(3) **Nominee's English Score Sheet:** to be submitted with the Application Form. If you have any official documentation of English ability (e.g., TOEFL, TOEIC, IELTS), please attach it (or a copy) to the Application Form.

(4) **Inception Report and Questionnaire:** to be submitted with the application form. (Detailed information is provided in VI. ANNEX: Attachment)

Those who failed to submit Inception Report and Questionnaire before the designated deadline will not be allowed to participate in Core Phase in Japan.

### 4. Procedure for Application and Selection:

**Deadline of A2A3 application in JICA Sri Lanka office is 03/07/2017**

(1) **Submitting the Application Documents:**

Closing date for applications: Please inquire to the JICA office ( or the Embassy of Japan ) .

( After receiving applications, the JICA office ( or the Embassy of Japan ) will send them to the JICA Center in JAPAN by July 11, 2017 )

Closing date for application to the JICA Center in Japan:

(2) **Selection:**

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.* Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a

case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

**(3) Notice of Acceptance:**

Notification of results shall be made by the respective country's JICA Office (or Embassy of Japan) to the respective Government by **not later than August 15, 2017**.

**5. Conditions for Attendance:**

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) not to extend the period of stay in Japan.
- (4) not to be accompanied by family members during the program.
- (5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA.
- (6) to refrain from engaging in any political activities, or any form of employment for profit or gain.
- (7) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances, participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (8) to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.

## **IV. Administrative Arrangements**

**1. Organizer:**

- (1) **Name:** JICA Hokkaido International Center(Obihiro) (JICA Hokkaido( Obihiro))
- (2) **Contact:** jicaobic@jica.go.jp

**2. Implementing Partner:**

**Name:** Obihiro University of Agriculture and Veterinary Medicine

**3. Travel to Japan:**

- (1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.
- (2) **Travel Insurance:** Coverage is from time of arrival up to departure in Japan. The traveling time outside Japan shall not be covered.



**4. Accommodation In Japan:**

JICA will arrange the following accommodations for the participants in Japan:

Hokkaido International Center (Obihiro)

Address: 1-2, Minami 6-chome, Nishi 20-jo, Obihiro, Hokkaido, 080-2470,  
Japan

TEL: 81-155-35-2001 FAX: 81-155-35-2213

(where "81" is the country code for Japan, and "155" is the local area code)

If there is no vacancy at JICA Center, JICA will arrange alternative accommodations for the participants.

**5. Expenses:**

The following expenses will be provided for the participants by JICA:

- (1) Allowances for accommodation, meals, living expenses, outfit, and shipping
- (2) Expenses for study tours (basically in the form of train tickets.)
- (3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included)
- (4) Expenses for program implementation, including materials

For more details, please see "III. ALLOWANCES" of the brochure for participants titled "KENSHU-IN GUIDE BOOK," which will be given before departure for Japan.

**6. Pre-departure Orientation:**

A pre-departure orientation will be held at the respective country's JICA Office (or Japanese Embassy), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

## ***V. Other Information***

**1. Certificate**

The participants who have successfully completed the training program will be awarded a certificate by JICA.

**2. School visit**

For the purpose of the promotion of "international education", this program includes a school visit to Japanese local elementary or junior high schools. All the participants are requested to take part in this exchange program. To introduce your country, it is advisable for participants to bring following items,

- (1) musical instruments, and/or popular music CDs,
- (2) crafts,
- (3) photos of foods, clothes, housings, and families of participants (digital data are preferable) and so on.

There are also some cases to introduce their country's dances and games.

**3. Courtesy call to Obihiro city council**

The program includes courtesy call to Obihiro city and some ceremonies, for which it is recommended to bring appropriate clothes.

**4. Medical history**

In case you have or have had malaria, you are kindly requested to bring the medicine for malaria with you because it is quite difficult to obtain it in Japan.

**5. Climate**

The climate condition in Obihiro is given below. Participants are advised to prepare appropriate clothes.

		Winter		/ Spring			/ Summer			/ Autumn		/ Winter	
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Temperature (°C)	Maximum	-1.9	-0.6	4.0	11.9	17.6	20.8	23.5	25.2	21.5	15.6	8.0	1.1
	Average	-7.5	-6.2	-1.0	5.8	11.1	14.8	18.3	20.2	16.3	10.0	3.2	-3.7
	Minimum	-13.7	-12.6	-8.0	0.6	5.7	10.3	14.5	16.4	12.1	4.8	-1.5	-8.9
Humidity (%)		70	68	66	66	69	79	83	82	79	73	68	68
Precipitation (mm)		42.8	24.9	42.4	58.9	81.0	75.6	106.4	139.1	138.1	75.0	57.6	46.1

(Japan Meteorological Agency 1981-2010 in average)

**6. Currency Exchange**

Participants are advised to exchange local currency to Japanese currency on your arrival in Narita (Haneda) airport if it is needed, since there is not enough time for currency exchange during training program.

**7. Items to be lent to participants by JICA**

JICA provides participants with the following necessary items during the training period;

- 1) rain jackets & trousers
- 2) work jackets & trousers
- 3) rubber boots
- 4) warm jackets

\*Therefore, participants don't need to take own items above.

### 8. Study Trip

The program includes a study trip to OKINAWA during your stay to learn feed and cattle managements under tropical condition.



## **VI. ANNEX:**

Attachment

### **Group Training Program**

#### **"Cattle Management for Milk and Meat Production Using Regional Resources"**

##### *Inception Report*

Applicants are requested to prepare an Inception Report on the following issues and submit it to the respective country's JICA Office or by July 11, 2017, attached with the Application form.

#### **a. Purposes**

- (1) To clarify issues and problems presently faced in their work in order to facilitate the acquisition of knowledge and ideas leading to solutions during the training program.
- (2) To provide advance information regarding issues and problems faced by participants to lecturers and organizations concerned with the program as a point of reference in finding solutions.

#### **b. Contents**

- (1) Name of applicant.
- (2) Name of country.
- (3) Name of organization.
- (4) Organization chart.
- (5) Roles of the organization and the department to which the applicant belongs to.
- (6) Basic information and present situation of milk and meat production in your area.  
( Please refer to the following questionnaire )
- (7) Introduction of the work which the applicant has been in charge for the last one year
- (8) Subjects in which the applicant is particularly interested on this program and the reasons

#### **c. Layout**

Typewritten in English, 3-5 pages (12-point font, double spaced, A4 size paper)

#### **d. Presentation**

The Inception Report is to be presented by each participant using MS PowerPoint at the beginning of the program.

- (1) The time allocation for each presentation of the Inception Report will be about 8-10 minutes.
- (2) It is advisable to bring some materials such as pictures or other visual aids to show your country's agricultural situation.

## Answer sheet

Name: \_\_\_\_\_

Name of the area in charge \_\_\_\_\_

## (1) Characteristics of the area

Question	Brief explanation
i) Location (suburban or remote area)	
ii) Geographical feature (flat land or mountainous)	
iii) Climate condition	
iv) Water availability and water resource	
v) Education level of farmers	

## (2) Basic information of Agriculture

Question	Brief explanation
i) Main crop	
ii) Cropping pattern/system	

## (3) Basic information of Livestock

Type	Number or percentage
------	----------------------

i) Cattle (dairy and meat)	
ii) Goats	
iii) Sheep	
iv) Others	

**(4) Basic information of cattle management at the farmers' level**

Question	Brief explanation
i) Cattle farming system	
ii) Main variety of cattle	
iii) The number of cattle per household (average)	
iv) The quality and quantity of milk and meat production	

**(5) Basic information and present situation of following area**

Area	Basic information, present situation and facing problems
i) Breeding system	
ii) Reproduction management	

iii) Feeding and nutrition management	
iv) Milking procedure	
v) Hygienic management of Milking	
vi) Management under the heat condition	

## *For Your Reference*

### **JICA and Capacity Development**

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that "capacity development" is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

### **Japanese Development Experience**

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the "*adopt and adapt*" concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this "*adoption and adaptation*" process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan's developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of "tacit knowledge," a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.





***CORRESPONDENCE***

**For enquiries and further information, please contact the JICA Office or the Embassy of Japan. Further, address correspondence to:**

**JICA Hokkaido International Center (Obihiro) (JICA Obihiro)**

**Address: 1-2, Minami 6-chome, Nishi 20-jo, Obihiro-city, Hokkaido, 080-2470, Japan**

**TEL: +81-155-35-1210 FAX: +81-155-35-1250**

**Website: [www.jica.go.jp/english/](http://www.jica.go.jp/english/)**

**E-mail: [jicaoblc@jica.go.jp](mailto:jicaoblc@jica.go.jp)**