

## Joined up activity plan within the project with An Giang action plan from 2018 to 2020

### Short term activity plan within the project 2018 – 2020 Piteå – An Giang

Support implementation of action plan and reviewing of strategy plan

Support the establishment of the cluster of science parks between An Giang and Piteå to promote the development of renewable energy and green agricultural

Support activities for rice waste to Energy

### Objectives in An Giang action plan

#### a) Overall objectives:

Establish management system and use of rice biomass to develop sustainable, efficient, safe and low-impact energy for health, environment and climate change.

#### b) Specific Objectives:

*- Increase renewable energy production and energy products*

+ By 2030, An Giang will have 101,440 ha of high-tech rice planted with method 1 to 5 reduction. CO2 reduction: 300 888 tonnes.

+ Area of straw collected: 40%.

+ Ratio of rice husk to be collected for rice husk production or other energy products: 50%.

*- Increase the participation and interest of the whole society.*

*- Contribute to the economic growth in a sustainable way for An Giang province as well as Chau Thanh district on rice production and processing.*

<b>8.c.1. Support implementation of action plan</b>					<b>Activities in An Giang Action plan</b>
<b>Activities</b>	<b>How</b>	<b>When</b>	<b>Indicators</b>	<b>Verification</b>	<b>No.</b>
Establish the executing board and steering committee of action plan implementation	Mobilize the team member	2018	1 committee	Decision	1.3 Steering Committee's members
Organize workshops for kick up and wrap up project	Workshop	2018, (2020)	20 people	Meeting agenda+list of participants	23/3/2018: Kick-up workshop in An Giang
Organize the training workshop on action plan implementation skills for key department participants and politicians	Training and discussions	2018	15 participants	Documentation /program available	6/2018 – PMU + Other Departments
Organize 2 annual workshops in Vietnam for sharing experience and progress review for action plan implementation	Information and discussions	2019 and 2020	15 participants.	Documentation /program available	Work in detail in 8/2018 in Pitea
Annual meetings for experience exchange in Sweden on project.	Meetings Study visits	2018, 2019, 2020	4 people from Vietnam	documentation	8/2018: Politicians + working team
Annual meetings/workshops for experience exchange in An Giang on project	Meetings Study visits	2018, 2019, 2020	4 people	documentation	22-23/3/2018 done
Form communication programs (brochures, video clips, website, local media, panels,	Involved communication Dep. in An Giang	2018 -2020	A communication plan An appointed responsible group	communication plan	Program 7: 7-12/2018: PMU (Tam) + Information and Communication Department Pitea's side will support/give comments on designing

					brochures, panels, and contents of clips approved budget
Meeting among Steering committee members and key departments	Internal meetings in An Giang	2018- (2020)	2 times per year	Documentation (agenda and participants)	PMU organizes 2 meetings in 2018 One meeting is done
Supporting materials for demonstration programs (forage, mushroom, collecting rice straw) action plan	Materials	2018,2019,2020	03 demonstration programs		7-12/2018 PMU (Kim Vo) + technical team Chau Thanh, Thoai Son, Chau Phu districts
Technical training for two models of growing mushrooms, straw incubation with urea for animal feed	2018-2020	2 classes/year			7-12/2018 PMU (Kim Vo) + technical team Chau Thanh, Thoai Son, Chau Phu districts (An Giang's fund)
Workshop of the 03 models: collecting straw, straw mushroom cultivation and composting straw with urea in districts	2020	03 workshops			PMU (Kim Vo) + technical team Chau Thanh, Thoai Son, Chau Phu districts (An Giang's fund) In BioTech center

8.c.2. Support establishment of cluster network between An Giang BioTechnology Center, Pitea Science park and Grans Competence Center and related organization on utilization and management rice biomass, renewable energy, increase of value chains of agricultural products and agricultural green products					
Activity	How	When	Indicator	Verification	
Establish the target groups		2018	Number of farmers, entrepreneur, politicians and authorities, technicians, Universities and research centers and students	List of participants	Biotech Center (Mr. Nguyen Cong Kha) Share knowledge and information, new technologies
Support organize the study tours to Biotechnology Center in An Giang		2018 -2020	2 times per year for all targets		4/2018 and 9/2018 Chau Thanh district + BioTech center + Schools in Chau Thanh
Organize distance meetings with Grans Competence Center / Pitea Schools *focus on Chau Thanh district and the exchange of experience in local democracy, culture among the young generation		2018 -2020	1 time per year for high school students		10/2018 – Mr. Bo, Helena, Mr. Kha, PMU - Online meeting  Dicuss in detail in August in Pitea
Organize the idea innovation competition on utilization and management rice biomass, renewable energy, increase of value chains of agricultural products and agricultural green products		2019-2020	20 participants, 5 awards and 1 selected		Build up plan in 11/2018 Biotech Center + Agriculture and Rural development department Grans Competence Center + Pitea's science park Focus on young generation

Workshops with focus in establish network between entrepreneurs in Piteå and An Giang organized by Piteå science park		2019-2020	1 time per year		
Support building of capacity on competition, entrepreneur, start up and commercialize products. PSP	Training course for target groups	2019, 2020	2 training workshops		
Annual meetings for experience exchange in Sweden on project	Meetings Study visits	2018, 2019, 2020	2 people		8/2018: Mr. Nguyen Cong Kha + Agriculture and Rural Development Department
<b>8.c.3. Support activity's for rice waste to energy. Building capacity on utilization and management rice biomass, renewable energy, increase of value chains of agricultural products and agricultural green products</b>					
<b>Activities</b>	<b>How</b>	<b>When</b>	<b>Indicators</b>	<b>Verification</b>	
Support planning study tour to other countries focus on technology, policy and marketing experience exchange		2019 -2020	1 trip for 5 -10 people (for each year)		Discuss in 8/2018
Support planning of seminars to introduce the updated information on the rice value chains and energy technologies		2019 -2020	2 seminars (1 internal and international seminars)		Discuss in 8/2018

Organize the expertise meetings for the knowledge exchange and sharpen the plan for a small scale pilot plant	Distance or face to face meetings	2019 -2020	At least 3 people attending per each meeting	Documentation	Discuss in 8/2018
<b>8.c.4 Supporting activities</b>					
Dissemination workshop	Information sharing	2020	1 workshops	Documentation	11/2020
Project evaluation					Goran and project members
<b>Other: Steering group</b>					
Annual meeting of the Steering group in Pitea		2018-2020			8/2018: Lam Quang Thi Dinh Thi Viet Huynh Pham Ngoc Xuan Nguyen Thi Van Ha
Annual meeting of the Steering group in An Giang		2018-2020			3/2018: Anders, Brith, Jan, Bo, Asa

<b>* August 2018 Agenda in Pitea (11-18/8/2018)</b>	An Giang's side	Pitea's side	
<b>Participants: 10 pp</b>	?	Goran, Bo	
<b>1. Evaluation report – template, comments,...</b>			
<b>2. Communication plan: Helena will give comments/suggestions</b>	IT center, PMU	Helena	
<b>3. Discuss in details about</b> distance meetings with Grans Competence Center / Pitea Schools *focus on Chau Thanh district and the exchange of experience in local democracy, culture among the young generation: - Start-up - Incubating enterprises - Start with small group	Nguyen Cong Kha	Helena, Bo	
<b>4. How to improve competence capacity of BioTech center</b>	Nguyen Cong Kha	Helena, Bo	
<b>5. How to review the strategy plan/action plan</b>	Ha, Xuan, Huynh, Kha, Vo	Asa, Bo, Goran, Jan	
<b>6. Study visits: Science park, Grans school, Model of Start-up (young generation)</b>	An Giang's group	Pitea's group	
<b>7. Updated bio industry</b>	An Giang's group	Jan	
<b>8. MC meeting (end of the visit)</b>			
<b>* December visit in An Giang</b>			
<b>Date: 10 – 14 December</b>			