



PPS-jaarrapportage 2018

Algemene gegevens	
PPS-nummer	AF-16117
Titel	Enhancing the South Korean pig supply chain
Thema	Internationalisering
Uitvoerende kennisinstelling(en)	Wageningen Economic Research, Wageningen Livestock Research
Projectleider onderzoek (naam + emailadres)	Mr Robert Hoste - robert.hoste@wur.nl
Penvoerder (namens private partijen)	Mr Mark Janssen - markjanssen@fancom.com
Contactpersoon overheid	Patricia Wagenmakers
Startdatum	1-1-2017
Einddatum	31-12-2020

Goedkeuring penvoerder/consortium

De jaarrapportage dient te worden besproken met de penvoerder/het consortium. De TKI's nemen graag kennis van eventuele opmerkingen over de jaarrapportage.

De penvoerder heeft namens het consortium de jaarrapportage	<input checked="" type="checkbox"/> goedgekeurd <input type="checkbox"/> niet goedgekeurd
Eventuele opmerkingen over de jaarrapportage:	

Planning en voortgang (indien er wijzigingen zijn t.o.v. het projectplan svp toelichten)

Loopt de PPS volgens planning?	Ja
Zijn er wijzigingen in het consortium/de projectpartners?	Nee
Is er sprake van vertraging en/of uitgestelde opleverdatum?	Nee
Is er sprake van inhoudelijke knelpunten, geef een korte beschrijving	Nee
Is er sprake van afwijkingen van het ingezette budget/de begroting?	NAPRO van € 14.752

Korte omschrijving inhoud/doel PPS

Pig production in the Republic of Korea (South Korea) has several challenges. Innovation development, knowledge sharing, and (veterinarian) management in the South Korean pig supply chain need to be improved to tackle the problems related to production performance on these aspects.

Using Dutch knowledge sharing and innovations systems and state-of-the-art knowledge on pig husbandry as a basis, this project aims to tackle the problems on these aspects in South Korea, by establishing an innovation and knowledge sharing system between pig producers and between pig producers and supply chain partners. Different means of knowledge sharing in the Korean pig industry are being tested, in order to optimize knowledge sharing for improved pig production.

Resultaten 2018

Three forms of learning and knowledge sharing among pig producers are being tested on their effectiveness in South Korea:

- Mastery learning by setting up a Pig Development Centre in South Korea as demonstration farm where virtual open days will be organised. Status: a farm has been identified and necessary adaptations were made. The opening ceremony took place on October 30, 2018, organised by NACF with support of the Dutch embassy. About 100 persons were present, among which journalists from some major Korean newspapers.

- Instruction/coaching learning by trainings to South Korean pig producers and advisors. The trainings are focused on the state-of-the-art technologies and management practices for professional pig farming. The advisors will also receive training to improve their coaching role. Status: In 2018 three trainings took place. In May and September for farmers, In October for advisors. From the feedback of the group it can be concluded the trainees were generally satisfied about the training. For 2019 two more trainings are planned, one for farmers (May 2019) and one for advisors (June 2019).

- Cooperative learning by setting up study groups of pig producers in South Korea. The pig producers that have been on training in The Netherlands will be organised in study groups, aiming to exchange knowledge on pig production. Status: it was planned to establish these in 2018, but has been delayed till 2019.

These innovations and knowledge sharing interventions will be designed based on the results of a study on learning styles and social competences among about 500 South Korean pig producers. Status: In 2017 a baseline survey was developed: an extensive questionnaire including some basic information on farm characteristics, current farm practices and management capacities, learning styles and social competences, challenges and risks, investments, trust, support and training. These questions were translated to Korean and back into English to check for correctness of the translation. In 2018 about 240 questionnaires were received. The plan was to do the analyses in 2018, but this had to be postponed as data was still coming in. The final analysis will be done in 2019.

A software tool will be developed for bidirectional information exchange (benchmarking) between pig producers and meat industry. This is divided in two sub-goals: A software infrastructure on Farm Level to be complete in the 2nd year (2018) and a infrastructure to share data between various links in the chain to be completed before the end of the 4th year (2020). The 1st sub-target is completed according to plan in 2018, the 2nd sub-target is planned for completion in the 3rd year, ahead of schedule.

Further the following activities were performed in 2018:

- 4 students from South Korea did a 10 weeks internship for the project: two students on statistical analysis and two students for organisation and evaluation of the trainings
- 1 guest researcher, manager smart farming at EPIS, who was trained in setting up study groups (zie rapport hieronder)

Aantal opgeleverde producten in 2018 (geef in een bijlage de titels en/of omschrijvingen van de producten of een link naar de producten op de projectwebsite of andere openbare websites)

Wetenschappelijke artikelen	Rapporten	Artikelen in vakbladen	Inleidingen/workshops
0	1	1	2

Titels/omschrijvingen van belangrijkste producten in 2018 (max. 5) en hun doelgroepen

- Infrastructure for datamanagement on farm level (completed according to the relevant sub-target in 2018).

Bijlage: Titels/omschrijvingen van alle producten in 2018 of een link naar deze producten op de projectwebsite of andere publieke websites

Presentations

Opportunities for Korean-Dutch cooperation in pig production. Seminar with young Korean farmers, Wageningen, the Netherlands, 5 October 2018. Robert Hoste.

Smart livestock farming in South Korea. Netherlands - Korea Business Event, 26 June 2018. Zoetermeer, Netherlands. Robert Hoste and Myung-jong Jung (EPIS).

Report

How to set up study clubs for pig farmers in Korea. Author: Jeong, Myung-Jong.

Articles

A short article was published in the Dutch paper Nieuwe Oogst about the last training, see: <https://www.nieuweoogst.nu/nieuws/2018/06/02/eerste-koreaanse-varkenshouders-op-cursus>

Wageningen UR newsletter: <https://www.wur.nl/en/show-longread/Better-farming-in-South-Korea.htm> or in Dutch: <https://www.wur.nl/nl/show-longread/Nog-beter-boeren-in-Zuid-Korea.htm>

Articles in Korean press about opening Demo farm:

Money Today; Emerging of new model smart pig Farm
<http://news.mt.co.kr/mtview.php?no=2018103110554848522>

Korea Agriculture Newspaper; Opening of 'Irae Farm' which will be equipped with Dutch pig farming technologies
<http://www.newsfarm.co.kr/news/articleView.html?idxno=47282>

Livestock and Environment Newspaper; EPIS held the ceremony for opening of the model farm 'Irae' through Korea-Netherlands cooperation
<http://www.chuksanenvironmentnews.com/news/articleView.html?idxno=1656>

Korea Agricultural Policies; Korea-Netherlands pig farming cooperation model, the opening of "Irae Farm"

Farm Insight
<http://www.farminsight.net/news/articleView.html?idxno=1054>

Pig and People; A model farm which has been jointly developed by Korea and Netherlands opens
<https://www.pigpeople.net/news/article.html?no=5663>

Korea Rural Economy Newspaper; Opening of the Korea-netherlands Pig farming cooperation model farm
<http://www.kenews.co.kr/news/article.html?no=9959>

Tweets - retweets

Tweet 15 januari 2018: Ons project in Zuid-Koreaanse varkenssector, zie
<https://twitter.com/RobertHoste/status/952811666927947776?s=09>.

Tweet 3 April 2018: Again #SouthKorea was hit by #FMD. Farmers are advised not to meet in study groups or at open days. Our first open day of the pig farm provisionally postponed to June.
<https://twitter.com/RobertHoste/status/981156533118623744>

Tweet 30 May 2018: Korean farmers and advisors on training in Netherlands. Jan Essens speaking about foster sows. <https://twitter.com/RobertHoste/status/1001765280002068481>

Tweet WUR Economic (@WUReconomic) Eerste Koreaanse varkenshouders op cursus
<https://twitter.com/WUReconomic/status/1003648484061450241?s=09>

Tweet 5 June, 2018: Korean pig farmers on training in the Netherlands: learning modern integrated farm management. <https://twitter.com/RobertHoste/status/1003940668220362753>

Retweet 22 June 2018 of BerichtenBuitenland (@AgroBericht): Varkenshouders en adviseurs uit #ZuidKorea komen naar Nederland voor een intensieve cursus om te leren hoe ze Nederlandse inzichten kunnen toepassen @WUR.

<https://twitter.com/AgroBericht/status/1010066045586026496>

Retweet 22 June 2018 of Pigbusiness.nl (@VarkensTweet): Zuid-Koreanen: 'Nederlands zijn de 'meesters' van de varkenshouderij'. <https://twitter.com/VarkensTweet/status/1010147912289083393>

Tweet of 22 June 2018: Mr Jeong uit Zuid-Korea was 4 weken in NL. Onderzocht hoe studieclubs van varkenshouders werken. Gaat hij proberen(!) toe te passen in Zuid-Korea #uitdaging.

<https://twitter.com/RobertHoste/status/1010221505991577600>

Retweet 23 June 2018 of WUR Economic (@WUReconomic): Zuid-Koreaanse varkensboeren en adviseurs komen naar Nederland om te leren ze efficiënter kunnen produceren. Econoom varkensproductie @RobertHoste is nauw betrokken bij deze vorm van 'kennisexport'.

<https://twitter.com/WUReconomic/status/1010439829551767552>

Tweet 12 September 2018: Met Koreaanse #varkenshouders op bezoek bij #zichtstal Dalton-hoeve in Zijtaart. Training samen met VON Netherlands.

<https://twitter.com/RobertHoste/status/1039780508761239552>