



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	1-7-2017
Einddatum	30-6-2021

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?	In 2019 is de Afrikaanse Varkenspest uitgebroken in Zuid-Korea. Daardoor is een aantal activiteiten vertraagd. Einddatum is opgeschoven
Zijn er wijzigingen in het consortium/de projectpartners?	Nee
Is er sprake van vertraging en/of uitgestelde opleverdatum?	Einddatum van het project is verschoven. Aangepaste projectplan reeds in bezit van TKI
Is er sprake van inhoudelijke knelpunten, geef een korte beschrijving	Nee
Is er sprake van afwijkingen van het ingezette budget/de begroting?	NAPRO van € 26.890

Korte omschrijving inhoud/doel PPS
<p>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.</p> <p>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.</p>

Resultaten 2019

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. Due to African Swine fever it was not possible to organise open days. Now the option of webinars is discussed.

- 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 June 2019 one training took place for advisors. The planned training in October 2019 was cancelled due to African Swine Fever. From the feedback of the group it can be concluded the trainees were generally satisfied about the training.

- 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: will be started early 2020

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 2019 total about 240 questionnaires were received and analysed.

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 project. The 1st sub-target is completed according to plan in 2018, the 2nd sub-target will be completed in 2020.

Further the following activities were performed in 2019:

- 3 students from South Korea did a 12 weeks internship for the project: one student on statistical analysis, one student for organisation and evaluation of the trainings and one student for comparing the animal health policy between South Korea and the Netherlands.

Beoogde resultaten 2020

Start open days (webinars) and study clubs; Scientific article workpackage 1

Opgeleverde producten in 2019 (geef de titels en/of omschrijvingen van de producten / deliverables of een link naar de producten op de projectwebsite of andere openbare websites)

Wetenschappelijke artikelen:

Externe rapporten:

Artikelen in vakbladen:

Inleidingen/posters tijdens workshops, congressen en symposia:

Future of pig production in South Korea. Presentation at National Institute of Animal Science, Cheonan, South Korea, 18 April 2019.

Korean-Dutch cooperation in improving pig production efficiency and sustainability. Delegation of Korean Ministry of Agriculture. Wageningen, 15 August 2019.

Some observations and suggestions on pig production in South Korea. Meeting young farmers from South Korea. Wageningen, 7 November 2019

Korean-Dutch cooperation in improving pig production efficiency and sustainability. Inspiration to meeting of project consortium for research in Argentina. Wageningen, 12 November 2019.

TV/ Radio / Social Media / Krant:

Tweets:

<https://twitter.com/RobertHoste/status/1123293455164346368>.
<https://twitter.com/RobertHoste/status/1134363792656064512>
<https://twitter.com/RobertHoste/status/1173953007274418176>
<https://twitter.com/BoiiiHog/status/1173753556387733510> (retweet)

LinkedIn:

https://www.linkedin.com/posts/robert-hoste-0574a219_visiting-south-korea-for-our-pig-project-activity-6523923003930091520-exFF
https://www.linkedin.com/posts/robert-hoste-0574a219_today-i-presented-future-of-pig-production-activity-6524648443644772352-FMtZ

Article Chosun Daily Korea

http://news.chosun.com/site/data/html_dir/2019/08/28/2019082801588.html

Interviews in Korean newspaper:

<https://blog.naver.com/nong-up/221734987614>
<https://blog.naver.com/nong-up/221740262898>

Overig (Technieken, apparaten, methodes etc.):