



PPP annual report 2019

PPPs which have started under the direction of the top-sectors need to deliver an annual report regarding their research and financial progress. For reporting on research progress this format has to be applied. A separate format 'PPP final report' is available for PPPs that have finalized in 2018.

Annual reports are entirely published on the TKI/topsector website(s). Please prevent the incorporation of confidential matter in the report.

PPP annual reports have to be submitted - pooled for each research organisation - before 1 March 2020 to the TKIs at info@tki-agrifood.nl or at info@tkitu.nl. For Wageningen Research the delivery of reports occurs centrally.

General data	
PPP number	AF-17106
Title	Regenerative Farming
Theme	Klimaatneutraal
Executing research organisation(s)	WUR, UU, UvA, Groene Brein
Project leader research (name + email address)	Peter Groot Koerkamp a.i.
Coordinator (on behalf of private parties)	Wouter-Jan Schouten a.i.
Contact person of government	
Total project budget (k€)	980
Project website address	https://www.tifn.nl/project/regenerative-farming/
Starting date	October 2018
Final date	October 2022

Approval coordinator/consortium

The annual report has to be discussed with the coordinator/consortium. The TKI(s) like to be informed regarding potential comments on the annual report.

The annual report is by the coordinator on behalf of the consortium	<input checked="" type="checkbox"/> approved <input type="checkbox"/> not approved
---	---

Potential comments regarding the final report	
---	--

Description content/aim PPP

Description of problem	The Netherlands is known around the world for its highly efficient agricultural sector, with high production levels and low resource use and emissions per kilogram of food produced. Over the last decades impressive results have been achieved in the reduction of environmental impacts per kilogram. Despite these results, the cumulative impact on local ecosystems and living environment has reached critical levels, while many farmers are facing significant challenges to earn a living income.
Goals of the project	<ol style="list-style-type: none"> 1. Creating an integrated, contextual outline for a revised Dutch agricultural production system (by 2050); 2. Taking stock of existing best practices in agricultural production that are 'on the way' to regenerative production 3. co-creating – together with arable farmers and dairy farmers – next practices in regenerative production 4. shaping robust, quantified scenarios of a regenerative production system at a national scale.

	5. Based on a thorough analysis of the technological, social, economic and policy barriers between the existing system and a regenerative system, actionable transition scenarios will be developed that can bridge the think-do gap.
--	---

Results	
Expected results 2019	<ol style="list-style-type: none"> 1. PhD plans submitted 2. Conceptual framework for the project 3. Identification of Dutch best practices in Regenerative Agriculture 4. Brief of requirements for a regenerative agriculture system at scale
Achieved results 2019	<p>Results 1, 2 and 3 are all achieved</p> <p>Result 4 is well under way but not yet finalized; expected delivery is March 2020</p>
Expected results 2020	<ul style="list-style-type: none"> • Finalized brief of requirements • Analysis of sustainability gap (WP 4.1) • First design concepts (WP 4.2) • Assessment of today's Sugar beet production versus 'brief of requirements' • Start measurement of regenerative practices • Start co-creation of business models for ecosystem services

Delivered products in 2019 (give titles and/or description of products, or a link to the products on the project website, or other public websites).
<u>Scientific articles:</u>
n.v.t.
<u>External reports:</u>
n.v.t.
<u>Professional articles in journals:</u>
n.v.t.
<u>Lectures/posters during workshops, conferences and symposia:</u>
Poster presentation 'principles of regenerative agriculture, Schreefel et. al.'
Conceptual framework
Symposium presentatie WJ Schouten
<u>TV/radio/social media/newspaper:</u>
n.v.t.
<u>Others (techniques, machines, methods, etc.):</u>
n.v.t.