



EU cofin Project Annual Report 2018

The EU projects that receive co-finance from the top sectors must submit an annual report on their technical and financial progress. This format is to be used for reporting the technical progress. The report must be submitted by 15 February 2019 to Hans van der Kolk

General information	
TKI Number of the project	AF-EU-15027
Title	SUSFANS: Metrics, models and foresight for sustainable food
project leader WR (name + e-mail address)	Thom Achterbosch (Thom.Achterbosch@wur.nl)
Address project website	www.susfans.eu
Start date	April 2015
End date	March 2019

Short description/aim project (this information can be published on a website of the TKI/Topsectors)

EU policy makers increasingly recognize that the frameworks for food safety control (the General Food Law) and primary production (the Common Agricultural Policy, CAP) provide insufficient direction for the European food system: in order to support food and nutrition security (FNS), eating patterns should come more into focus, along with their implications for public health, the natural environment and enterprise. European diets thus need to become more environmentally and economically sustainable, and more healthy and nutritious. This has led to the development of a new, transdisciplinary research project, SUSFANS, which develops metrics, identifies and analyses drivers, integrates data and modelling and formulates foresight for EU sustainable FNS, building on a common scientific evidence-base which accounts for the perspectives of the various actors and factors that play a role in the food system.

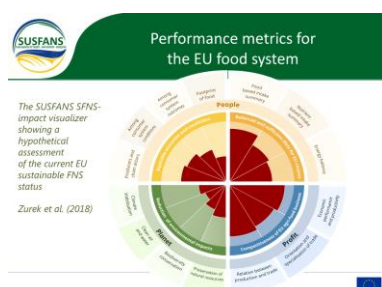
Planning and progress Is the project going according to plan? Are there any substantive bottlenecks? If yes, please explain with a brief description of the current situation

There are delays regarding a number of deliverables. However, these delays are not of such a nature that the project planning as a whole is jeopardized. The end date according to planning (April 2019) is expected to be achieved.

Highlights and deliverables in 2018 / so far (this information can be published on a website of the TKI/Topsectors)

There were two highlights in 2018:

- A. An integrated approach was developed for assessing sustainable food and nutrition security of the EU food system with the input and endorsement of the SUSFANS stakeholder core group: 1) a conceptual framework of the EU food system, 2) an integrated, hierarchical set of metrics for assessing options for change, 3) a modelling strategy for estimating the metrics and 4) a visualization tool across the metrics to enable an informed stakeholder debate on food system change. For more information see: [Zurek et al. 2017](#), [Kuiper et al. 2017](#) and <https://doi.org/10.3390/su10114271>



B. A comparison of dietary intakes across four EU countries (CZ, DK, FR and IT) provided a baseline for further research towards healthier and environmentally-friendlier diets (see: [Mertens et al. 2018 and https://doi.org/10.1007/s00394-018-1673-6](#)). The set of food-based dietary guideline (FBDG) was not met by a large part of the population and/or population subgroup. Within countries, food intakes varied by socio-economic factors, but less pronounced by overweight status. In all countries, intakes were low for legumes, and nuts and seeds, but high for red and processed meat.

Number of delivered products in 2018 (in an appendix, please provide the titles and/or description of the products or a link to the products on public websites)			
Academic articles	Reports	Articles in journals	Introductions/workshops
3	5	8	3
Titles/ description of the most important products in 2018 (5 at max) and their target group			
<ol style="list-style-type: none"> 1. Deliverable 7.4 (towards modelling SHARP diets, diets based on nutritional adequacy, sustainability metrics and population diversity parameters) 2. Deliverable 9.5 (SUSFANS toolbox for assessing EU sustainable food and nutrition security) 3. Deliverable 10.3 (the potential role of producer and consumer food policies in the EU to sustainable food and nutrition security) 4. SUSFANS video : understanding what the project is about in 2.40 minutes 			
All public available deliverables and the video can be seen at http://www.susfans.eu			

Appendix

Scientific publications

Partner	Type of scientific publication	Title of the scientific publication	DOI	Authors	Title of the journal or equivalent	Publisher	Year of publication
INRA, LUKE, University of Copenhagen	Paper	Promoting Climate-Friendly Diets: What Should We Tell Consumers in Demark, Finland and France?	https://slide.ctimeetingtech.com/icae2018/attendee/confcald/session/calendar?q=requillart	Irz, X. Jensen, J. D. Leroy, P. Réquillart, V. Soler, L-G.	Contributed paper presented at the ICAE Vancouver, 2018	IAAE	2018
INRA	Article	Food reformulation and nutritional quality of food consumption: an analysis based on households panel data in France	https://www.nature.com/articles/s41430-017-0044-3	Spiteri, M. Soler, L-G.	EJCN		2018
WU CREA	Article	Geographic and socioeconomic diversity of food and nutrient intakes: a comparison of four European countries	https://doi.org/10.1007/s00394-018-1673-6	Mertens, E. Kuijsten, A. Dofková, M. Mistura, L. D'Addezio, L. Turrini, A. Geleijnse M.	European Journal of Nutrition	Springer Switzerland	2018
IIASA	Article	Fundamentals, speculation or macroeconomic conditions? Modelling and forecasting Arabica coffee prices.	https://doi.org/10.1093/erae/jby010	Crespo Cuaresma, J. Hlouskova, J. Obersteiner, M.	European Review of Agricultural Economics	EAAEP Foundation	2018
WECR	Article	Melitz Meets Milk: The Impact of Quota Abolition on EU Dairy Export Competitiveness	https://doi.org/10.1111/1477-9552.12276	Philippidis, G. Waschik, R.	Journal of Agricultural Economics	AES	2018