





## Bijlage II List of completed deliverables SUSFANS



Publication	Deliverable D1.1
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	A Framework for Assessing and Devising Policy for Sustainable Food and Nutrition Security in EU: The SUSFANS conceptual framework.
<b>Abstract</b>	This deliverable reports on Task D1.1., the development of a conceptual framework for the SUSFANS project. Drawing on a literature review and feedback from the SUSFANS stakeholder core group, the conceptual framework describes the actors of the EU food system, their activities, the food system outcomes and the factors directly and indirectly driving actor behaviour. The framework also shows the relationships between the food system and the key policy goals the EU has formulated for the system. The report highlights the benefits of adopting a food systems approach to analysing EU sustainable food and nutrition security and ends with describing the use of the conceptual framework within the project and externally.
<b>Responsible Authors</b>	Monika Zurek, John Ingram, Andrea Zimmermann, Maria Garrone, Martine Rutten, Inge Tetens, Adrian Leip, Pieter van't Veer, Muriel Verain, Emily Bouwman, Stephan Marette, Chiaoya Chang, Catharina Latka, Sara Hornborg, Friederike Seville Ziegler, Joost Vervoort, Thom Achterbosch, Ida Terluin, Petr Havlik, Andre Deppermann.
<b>Dissemination level</b>	Version for public use – European Commissio; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable D1.1</a>

Publication	Deliverable D1.2
<b>Type of publication</b>	 <b>Confidential Report</b>
<b>Title</b>	D1.2 Metrics to assess Sustainable Food and Nutrition Security of the EU Food System: A progress report.
<b>Abstract</b>	The paper gives a short overview of the conceptual framework on Sustainable FNS that was created in the past few months (section 2). In Section 3 we lay out the definitions of terms and the approach to metrics selection the project adopted. Section 4 gives an overview over the preliminary list of metrics selected by the project while Section 5 describes how we envision the selected metrics could be visualized and used to help assess the status of Sustainable FNS of the EU food system as well as trade-offs across policy goals that possible scenarios and associated policy options for changing the system might entail.
<b>Responsible Authors</b>	Monika Zurek, John Ingram, Martine Rutten, Andrea Zimmermann, Maria Garrone, Inge Tetens, Adrian Leip, Sara Hornborg, Petr Havlík, Thom Achterbosch, Joost Vervoort, Anneleen Kuijsten, Lindsay Shutes, Louis-George Soler.
<b>Dissemination level</b>	Confidential, only for members of the consortium (including the Commission Services).
<b>Web-link</b>	 <b>Confidential report</b>

Publication	Deliverable D2.1
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	D2.1 Analysis of the web-survey on consumers' knowledge about nutrition, environment and the importance of relevant determinants.
<b>Abstract</b>	The aim of the survey is to determine sustainable food behaviour from a consumer perspective, to get insights in consumer perceptions of sustainability, to measure determinants of sustainable food behaviour and to identify similarities and differences across European countries. The goal of identifying such determinants is to find out which behaviour consumers are willing to change under which conditions and translate this into metrics and models for a sustainable and healthy diet.
<b>Responsible Authors</b>	Emily Bouwman, Muriel Verain, Harriëtte Snoek.
<b>Dissemination level</b>	Version for public use – European Commissiom; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable D2.1</a>

<b>Publication</b>	<b>Deliverable D2.2</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	Protocol for defining the nutritional adequacy of total diets and foods consumed in EU countries.
<b>Abstract</b>	The aim of the protocol is to establish a two-step approach to define nutritional adequacy of diets and food consumption patterns in EU countries. The first step includes a set of food-based dietary guidelines and the second step includes a set of nutrients that are of concern in various regions of the EU. Subsequently, by using this approach, the prevalence of inadequate intakes of a number of foods/food groups and nutrients in the European population can be investigated.
<b>Responsible Authors</b>	Elly Mertens, Anneleen Kuijsten, Marianne Geleijnse, Pieter van 't Veer, Ellen Trolle, Inge Tetens, Marcela Dofková, Lorenza Mistura, Laura D'Addezio, Marika Ferrari, Carine Dubuisson, Sandra Favret.
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable D2.2</a>

<b>Publication</b>	<b>Deliverable D2.4</b>
<b>Type of publication</b>	 <b>Confidential report</b>
<b>Title</b>	D2.4: Can Information about Health and Environment Beef Up the Demand for Meat Alternatives?
<b>Abstract</b>	A lab experiment was conducted in France to evaluate the impact of different types of information on participants' willingness-to-pay (WTP) and quantity choices for both beef burger meat and soy burger meat. Explanatory messages about the impact of beef and soy on health and environment were revealed to participants, before successive rounds of WTP elicitations and quantity choices. Results show that the different WTP for beef were not statistically influenced by the successive rounds of messages. Conversely, messages significantly increase the WTP for soy meat, even if this effect is relatively weak. These explanatory messages also lead to weak changes in the chosen quantities of beef and soy. A last round with the introduction of a high-quality beef leads to a statistically significant increase in the WTP for beef. Moreover, the selected quantities between beef and soy almost return to the initial quantities, namely the ones chosen before the revelation of messages. This reversal of chosen quantities towards more beef compared to soy underlines the participants' sensitivity to beef quality, when meat substitutes are considered.
<b>Participant acronyms</b> <b>Responsible author</b>	NTUStephan Marette (INRA)
<b>Dissemination level</b>	Confidential, only for members of the consortium (including the Commission Services).
<b>Web-link</b>	 <b>Confidential report</b>

<b>Publication</b>	<b>Deliverable D3.1</b>
<b>Type of publication</b>	 <b>Confidential report</b>
<b>Title</b>	Food Standards and Sustainability – A Review and Conceptual Framework.
<b>Abstract</b>	In this report we will review empirical evidence and provide a conceptual framework for a crucial aspect of sustainability that has largely been ignored, namely value chain sustainability. We argue that value chain sustainability is a necessary pre-condition for all other types of sustainability effects (environmental, health, welfare, ...). Our analysis of the relationship between food standards, value chains and sustainability integrates specific issues that characterize this relationship by exploring them theoretically.  This report brings together past work with newly developed insights to arrive at a concise but comprehensive overview of the sustainability issues surrounding food standards. In addition, we will extend the theoretical analysis of food value chains by introducing shocks and uncertainty to the relationships between buyers, farmers, processors and exporters.
<b>Participant acronyms</b>	CEPS
<b>Dissemination level</b>	Confidential, only for members of the consortium (including the Commission Services).
<b>Web-link</b>	 <b>Confidential report</b>

<b>Publication</b>	<b>Deliverable D4.1</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	The drivers of livestock production in the EU.
<b>Abstract</b>	In this document, we described the main drivers that might affect the future of European livestock production. In the last decade there was a clear increase in consumption of animal source food. As a response the livestock sector increased production by increasing the numbers of animals per farm and increasing the productivity of livestock. Science and technology played an important role in this intensification process. Currently we see that the demand for ASF in Europe is stagnating, and in some countries even reduces due to socio-economic factors like environmental concerns, human health concerns, and changing socio-cultural values (animal welfare). Currently, the total average intake of protein from only animal source food in Europe is higher than the recommended total protein intake from a health perspective showing that European diets are affluent in animal source food products. High intake of animal source food products can, however, results in health issues and there is also considerable agreement that livestock production have a major impact on the environment. So, given current high consumption levels of ASF in Europe, two main strategies can be followed: reducing the impact of livestock production per kg of output by sustainable intensification, including a continuous focus on improving feed efficiency, breeding for productivity, and control of diseases. Or improve human health and the environment by changing dietary patterns. In WP5 possible innovation packages are described that determine pathways towards sustainable healthy European diets.
<b>Responsible Authors</b>	Hannah van Zanten, Ollie van Hal, and Imke de Boer.
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable D4.1</a>

<b>Publication</b>	<b>Deliverable D4.2</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	The drivers of fisheries and aquaculture production in the EU.
<b>Abstract</b>	The role of seafood is complex in sustainable and nutritious diets. Production from capture fisheries is limited whereas seafood from aquaculture is seen as the most promising food production systems for the future. In this report, data on EU seafood production is provided, as well as a review of indirect and direct drivers for seafood production in the EU. Several plausible directions for improved sustainability of seafood production in EU FNS are identified. Furthermore, metrics for environmental assessment of seafood in relation to EU policies on reduced environmental impacts are suggested. An analysis of the drivers of crop production in the EU.
<b>Responsible Authors</b>	Sara Hornborg, Kristina Bergman and Friederike Ziegler.
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable-31-preliminary-report-task-31-private-food-standards</a> <a href="#">Deliverable-42-drivers-fisheries-and-aquaculture-production-eu</a>



<b>Publication</b>	<b>Deliverable D4.4</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	Establishing a common accounting system for the LCA and emission leakage in the CAPRI model

<b>Abstract</b>	The CAPRI model can be used in order to estimate GHG emissions from the agricultural sector in the EU. However, the calculation follows the logic of the UNFCCC framework, assigning emissions to production activities and the regions where those activities take place. In order to move from a production towards a more consumption oriented perspective we developed an LCA-module (Life cycle Assessment), both for EU and Non-EU regions, covering not only regional emissions but also emission leakage and worldwide emissions.
<b>Responsible Authors</b>	Andrea Zimmermann (UBO) and Adrian Leip (JRC)
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable D4.4</a>

<b>Participant acronyms</b>	<b>Deliverable D6.1</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	The SUSFANS Stakeholder Core Group, drawn across different sectors and roles in European sustainable food and nutrition security.
<b>Abstract</b>	Establishing a Stakeholder Core Group (SCG). A SCG of about 30 will be convened, drawn from suggestions from all SUSFANS WP leaders. Balance across stakeholder communities, food systems areas, countries and gender will be paramount. This SCG will spearhead the stakeholder interaction across WPs 1-5, with WP11, and with other WPs as appropriate. Other members will therefore be co-opted as needed.  This preliminary deliverable comprises of the concept and the longlist from which the SCG will be selected. The document will be updated during the project.
<b>Participant acronyms/Authors</b>	John Ingram (UOXF), Pierre Dussourt (ILSI-EU) and Thom Achterbosch. (Wageningen U&R).
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable-31-preliminary-report-task-31-private-food-standards</a> <a href="#">Delivderable-61-susfans-stakeholder-core-group-drawn-across-different-sectors-and-roles-european-fns</a>

<b>Participant acronyms</b>	<b>Deliverable D8.1</b>
<b>Type of publication</b>	<b>Public Report</b>

<b>Title</b>	Fundamentals, Speculation or Macroeconomic Conditions? On the Determinants of Commodity Price Dynamics, with an Application to Arabica Coffee.
<b>Abstract</b>	We analyse the role played by market fundamentals, speculation and macroeconomic conditions as empirical determinants of commodity price changes. We combine model averaging techniques to explain historical patterns with an in-depth analysis of out-of-sample predictability of commodity prices using fundamentals as well as macroeconomic and financial variables. Our results indicate that variables related to global macroeconomic and financial developments contain valuable information to explain the historical pattern of coffee price developments, as well as to improve out-of-sample predictions of coffee prices.
<b>Participant acronyms</b>	IIASA
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: <a href="#">Deliverable-81-decomposition-agricultural-commodity</a> <a href="#">Deliverable-81-decomposition-agricultural-commodity</a>



<b>Participant acronyms</b>	<b>Deliverable D8.2</b>
<b>Type of publication</b>	 <b>Confidential Report</b>
<b>Title</b>	Forecasting Commodity Prices: A Comprehensive Approach.
<b>Abstract</b>	We present a comprehensive modelling framework aimed at obtaining shortterm forecasts of commodity prices.
<b>Participant acronyms</b> <b>Authors</b>	Jesus Crespo Cuaresma, Jaroslava Hlouskova, and Michael Obersteiner. (IIASA)
<b>Dissemination level</b>	Confidential, only for members of the consortium (including the Commission Services).
<b>Web-link</b>	 <b>Confidential Report</b>

<b>Participant acronyms</b>	<b>Deliverable D11.1</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	The SUSFANS communication plan.
<b>Abstract</b>	This deliverable embodies the Communication Plan and will report on Task 11.1. The communication plan includes a long list of the future users of the SUSFANS toolbox and first clusters of regions and target groups.
<b>Participant acronyms</b>	WUR-LEI
<b>Dissemination level</b>	Version for public use – European Commission; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: to be completed!

<b>Participant acronyms</b>	<b>Deliverable D11.2</b>
<b>Type of publication</b>	<b>Public Report</b>

<b>Title</b>	Logo and Website.
<b>Abstract</b>	This deliverable will report on Task 11.2. The project website, including the project logo and a SUSFANS community on LinkedIn, will have an external and internal structure. The website will offer completed research output as well as provide key data that will allow the user to interact with the research findings.
<b>Participant acronyms</b>	WUR-LEI
<b>Dissemination level</b>	Version for public use – European Commissio; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: to be completed!

<b>Participant acronyms</b>	<b>Deliverable D11.3</b>
<b>Type of publication</b>	<b>Public Report</b>
<b>Title</b>	First leaflet and press release.
<b>Abstract</b>	This deliverable embodies the first leaflet and press release. Results from Task 11.3. Dissemination materials include: a) two project leaflets, b) press releases on the project in English and translated into the partners' languages, c) two articles for specific magazines and relevant audiences, d) an entity poster or roll-up stand featuring the logo and key messages of the contract for use at booths and workshops, and e) a yearly electronic newsletter.
<b>Participant acronyms</b>	WUR-LEI
<b>Dissemination level</b>	Version for public use – European Commissio; external website. Version for internal use – Consortium; internal website.
<b>Web-link</b>	Public version: to be completed!

<b>Participant acronyms</b>	<b>Deliverable D12.1</b>
<b>Type of publication</b>	 <b>Confidential Report</b>
<b>Title</b>	Consortium Agreement
<b>Abstract</b>	This deliverable embodies the first leaflet and press release. Results from Task 11.3. Dissemination materials include: a) two project leaflets, b) press releases on the project in English and translated into the partners' languages, c) two articles for specific magazines and relevant audiences, d) an entity poster or roll-up stand featuring the logo and key messages of the contract for use at booths and workshops, and e) a yearly electronic newsletter.
<b>Participant acronyms</b>	WECR
<b>Dissemination level</b>	Version for public use – European Commission; external website Version for internal use – Consortium; internal website
<b>Web-link</b>	 <b>Confidential Report</b>