

Name	Focus	Status	Impact and Stakeholders
<p>Sustainable Urban Food Systems:</p>	<p>To review and comment on sustainability assessments that feature in the academic, governmental, NGO- and grey literature as relevant to urban food systems.</p> <p>The aim is to:</p> <ul style="list-style-type: none"> <li>• Enable critical review of indices in use within urban food systems.</li> <li>• Provoke ensuing engagement as to the strengths and weaknesses of urban food approaches</li> <li>• Offer perspective on the validity of urban food strategies.</li> </ul>	<ul style="list-style-type: none"> <li>• Working Group has met to define priorities, and stakeholder and SRP academic feedback incorporated into initial drafting documents.</li> <li>• Review of sustainability assessment completed.</li> <li>• First draft of academic paper is currently under review prior to submission.</li> <li>• The process of drafting a policy brief, blog and lay summary will follow in early 2018. This has been delayed due to unforeseen absence of lead scientist.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Impact:</b> The Main impact is expected to be on the policy and third sector organisations, by helping to align thinking on the topic of urban food.</li> <li>• <b>Academic:</b> the main output of this research will be a position paper in a scientific journal. This work will also contribute towards leveraging future funding opportunities. the findings from this Think Tank will be disseminated at a national conference</li> <li>• <b>Local authorities and third sector organisations:</b> The project intends to engage and disseminate the main findings of this work to this group of key stakeholders (e.g. Nourish Scotland and Sustainable Food Cities Network). They have been involved in the development and direction of the Think Tank.</li> <li>• <b>Policy:</b> Scottish Government, Scottish Food Commission and local authorities will benefit from this review which may inform their parallel activities. The Policy brief will be discussed with key SG contacts before construction, and will be co-produced once there is agreement that such a brief is timely and useful. The Project lead will coordinate with the Main SG contact in this policy area Opportunities for disseminating to international audiences (e.g. UN, FAO initiatives) are being investigated.</li> <li>• <b>Industry:</b> Local businesses will benefit from improved knowledge about the interactions between general public interest and food growing and health.</li> <li>• <b>Public:</b> A blog and an easy to read lay summary will be produced and made available via the SEFARI website, Institute web sites and thorough social media.</li> </ul>

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<p>Conserving Plant Genetic Diversity:</p>	<p>To develop a world first robust national framework and assessment of genetic diversity, spanning agriculture, horticulture, forestry and species of cultural and socioeconomic importance to promote long term conservation of plant genetic diversity.</p>	<ul style="list-style-type: none"> <li>• Overview report on Aichi Target 13 was produced in 2017.</li> <li>• Report card framework was produced and populated with entries and subsequently tested.</li> <li>• Completed an assessment of Scotland's genetic diversity.</li> <li>• A scientific paper and model report is currently being compiled. This is being written as a collaboration between Institute staff and agency staff.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Impact:</b> This work has demonstrated the international nature of the research being carried out in SEFARI. The work has enabled the Aichi Genetic Diversity Target (Target 13) to be Cabinet, which up until now had been hampered by considerable knowledge gaps. By providing the world-first comprehensive national assessment of plant genetic diversity, the work is proving to have raised a significant interest as a model for other countries. In the shorter term, outputs fed into reports delivered by partner SNH and was included in the 2017 report on progress to the Aichi Target 13.</li> <li>• <b>Academic:</b> The main output of this research will be a position paper in a scientific journal. Initial results from this work were disseminated through a keynote presentation at a <a href="#">Royal Society of Edinburgh</a> event in 2017 and also at the <a href="#">Global Botanic Garden Congress in Geneva</a>.</li> <li>• <b>Policy:</b> This project has provided a genetic diversity framework which is applicable in Scotland and also internationally. It has enabled the assessment of genetic diversity at a national level in Scotland for use in reporting and action planning for Scotland's Aichi 2020 genetic diversity target. This will also feed into UK-wide reporting on Target 13.</li> <li>• <b>Industry:</b> A model report has been issued to key stakeholders. The report has received positive feedback from key stakeholders, e.g. Scottish Natural Heritage. In addition, there has been wider interest from the International Union for the Conservation of Nature Conservation Genetics Group.</li> <li>• <b>Public:</b> A blog and a lay summary will be produced and made available via the SEFARI website and Institute web sites and social media.</li> </ul>

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Decarbonising Global Agri-Food:	This project aims to identify where food system failures (i.e. market failures to account for all resource inputs and outputs) and institutional/governance issues are conspicuously influencing negative production and consumption worldwide.	<ul style="list-style-type: none"><li>• Following early meetings of the Think Tank group, the original focus on carbon pricing was shifted into a wider think piece on agriculture and external food costs. However, progress has been delayed as the PI is leaving SEFARI. And arrangements have to be made to bring in a replacement from within SEFARI.</li></ul>	<ul style="list-style-type: none"><li>• <b>Impact:</b> This work will provide a national route map that accounts for food system failures (i.e. market failures to account for all resource inputs and outputs) and institutional/governance in agriculture and agrifood supply and demand. This will enable Scotland to develop a strategic position on market failures in agrifood, including carbon pricing.</li><li>• <b>Academic:</b> The main output of this research will be a position paper in a high impact scientific journal. This work will also contribute towards leveraging future funding.</li><li>• <b>Policy:</b> Policy brief to be discussed before preparation with key SG contacts, and co-produced once there is agreement that such a brief is timely and useful.</li><li>• <b>Industry:</b> outputs from this Think Tank will be of use to a wide range of businesses who could tailor their products to market information ascertained throughout this project.</li><li>• <b>Public:</b> A blog and a lay summary will be produced for the SEFARI and Institute websites and will summarise main findings and the context. The topic is of considerable interest from a food market and trade perspective, in particular in light of Brexit.</li></ul>

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<p>Revalorisation Potential of Underutilised Protein Rich Resources:</p>	<p>This project aims to explore whether underutilised protein-rich resources can be revalorised to become an important part of the food supply chain and assess the opportunities, benefits and barriers to revalorisation of such resources.</p>	<ul style="list-style-type: none"> <li>• A 'protein map' of underutilised protein sources (agricultural waste streams and wild species) for Scotland is complete subject to input from an upcoming stakeholders workshop (24<sup>th</sup> January 2018).</li> <li>• Identified and finalised a list of high-protein plants that are prime for revalorisation will be produced.</li> <li>• A final report is being drafted.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Impact:</b> This project will inform policy and improve future research-funding opportunities and also provide input that could form the basis for economic evaluation of novel protein resources. The project aligns with EU (DG AGRI) proposals to present the 'EU Protein Plan' by the end of 2018</li> <li>• <b>Academic:</b> This project will provide academic benefit to the Think Tank research team including junior staff (PhD student) that will utilise the data to inform technologies developed within their RESAS-funded project, as well as potential funding prospects in the future.</li> <li>• <b>Industry:</b> The project directly delivers KE in the form of a stakeholder engagement workshop involving key stakeholders as identified in the management and provision of domestic or wild species. This along with the protein map and 'horizon scanning' report will inform future KE activities to further explore the use of underutilised and new protein resources with food supply chain stakeholders, policy and the wider public.</li> <li>• <b>Public:</b> A blog and an easily understood lay summary will be produced and made available via SEFARI and Institute websites and social media will be used to disseminate the outputs of the project. In addition, partner's web sites and other suitable locations will be used to showcase project findings. It is a topic of considerable public interest and feedback has been very positive so far.</li> </ul>

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<p>Pathways Towards a Sustainable Protein Economy:</p>	<p>This project aims to identify and prioritise the potential pathways that could lead to the creation of plant produced protein as a sustainable, resilient and viable commodity.</p>	<ul style="list-style-type: none"> <li>Project begins in January 2018 and is due to be completed by the end of June 2018 (with knowledge exchange occurring within three months of the project end).</li> </ul>	<ul style="list-style-type: none"> <li><b>Impact:</b> the main impact will be help co-ordinate and harmonise existing policies on diet to encourage good human health and benefit to the environment and to provide a food and feed protein budget from which to identify the potential pathways, or transitions, required to meeting sustainable production and consumption of plant protein.</li> <li><b>Academic:</b> The main output of this research will be a position paper in a high impact scientific journal.</li> <li><b>Industry:</b> The outcomes of the high level position paper will be transferred and translated through the very strongly links of the project partners to various parts of industry (e.g. forage crop seed suppliers, pulse traders, animal feed manufacturers and aquaculture feed producers).</li> <li><b>Policy:</b> A summary policy brief will be produced as a means to introduce the main findings of the research and outline policy consequences and interventions, in association with their SG contact). The project has made links with NGO policy makers and this has permitted transmission and Discussion of potential findings to livestock, crop and human nutrition policy through, e.g. the NFUS and Nourish Scotland.</li> <li><b>Public:</b> A blog and a lay summary will be produced and made available via SEFARI and Institute websites and us will be made of the social media of project partners and placed in suitable locations. It is a topic of much public interest both from a public and schools perspective and these communication channels will be explored.</li> </ul>