**Knowledge Transfer and Innovation Fund (KTIF)**

The Knowledge Transfer and Innovation Fund forms part of the SRDP and has **two aims:**

1. Firstly, to provide support to Non-Governmental Organisations (NGOs) to promote skills development and knowledge transfer in the agricultural sector e.g. coaching, workshops and farm visits.
2. Secondly, to support the running costs of Operational Groups**1** to deliver innovative projects which aim to improve agricultural competitiveness, resource efficiency and environmental performance.

Note 1: The membership of Operational Groups can vary depending on the type and needs of the project. Groups can comprise, for example, a farmer working in collaboration alongside a researcher, consultant and industry representative to deliver a project.

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| Initial 2014-2020 Budget: | (£10M) |
| Indicative Budget - reduction due to austerity measures: | **£6M** |
| Currently Committed: | **£5,438,788.99** |
| Remaining indicative Budget:  | **£561,211.01** |
| Total Number of Projects | **27** |

**Note:** Un-shaded areas of the table (below) cover skills development / knowledge transfer projects under measure 1.1 (**Aim 1**).

 Shaded areas of the table (below) cover innovation projects i.e. European Innovation Partnership (EIP) under measure 16.1 (**Aim 2**).

Knowledge Transfer / Skills Development Committed Budget: **£2,395,394** Number of Projects **- 9**

Innovation Committed Budget: **£3,043,394.99** Number of Projects - **18**

**Communications arrangements KTIF Projects:** A communications process to cover KTIF is in place with all project coordinators. SG will be alerted to ensure that Scottish Ministers have the opportunity to promote awards, attend events and review the progress of these projects.

* The Rural Payments & Services and Scottish Rural Network websites are used to communicate and invite bids. Link below: <https://www.ruralpayments.org/publicsite/futures/topics/all-schemes/knowledge-transfer-and-innovation-fund/>

| **KTIF Projects Supported** |
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| Project Name | Project Aims (1 & 2) | Status | Value | Intervention rate | Duration | Notes (KT or Innovation project details and measure/focus area) |
| **Soil Association: ‘Future Farming Scotland’** | **Aim 1:** To use low input and sustainable approaches; building financial and environmental resilience in a changing climate. | **KTIF/001/2015**Approved and commenced - Sept. 2015. | **£345K** | **75%** | **3-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 2A)**Soil Association are in partnership with Dutchy Future Farming (£26,554); QMS (£45K) and Forestry Commission Scotland (£40K) – i.e. the other contributions covering the 25%. |
| **AHDB Diary: ‘Scottish Dairy Business Impact Groups’** | **Aim 1:** To improve resilience and global competitiveness in milk production throughout Scotland; through improved efficiency. | **KTIF/002/2015**Approved and commenced - Oct. 2015. | **£222K** | **75%** | **3-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 2A)**The other 25% funding contribution is covered by AHDB Dairy (£74K). |
| **AHDB Potatoes:** **‘Strategic Potato (SPot) Farm for Scotland’** | **Aim 1:** To highlight value to the wider potato industry, economically and environmentally, of embracing change through improved crop management practice and adoption of innovation at different stages in production of potatoes.  | **KTIF/006/2016**Approved and commenced - April 2016. | **£112K** | **75%**  | **3-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 2A)**AHDB Contribution is £37,303.74 (i.e. the other 25%). |
| **ANM Group:****‘Livestock Development Programme‘** | **Aim 1:** To combine the best KT methods from the Scottish MF and Irish “BETTER Farms” programmes to deliver technical information and challenging producers. | **KTIF/008/2016**Approved and commenced - April 2016. | **£678K** | **75%** | **3.5 -years** | **Knowledge Transfer (KT) Measure 1.1****(Focus Area 2A)**ANM Group: Partners contribution is £226,035 (i.e. the other 25%). |
| **Scottish Crofting Federation:** **‘Crofters Skills Boost Programme ‘**  | **Aim 1:**  To increase primary agriculture skills for 1200 participants - existing and in-coming crofters and smallholders – over 1260 training days. Increasing skills will improve viability of crofting agriculture.  | **KTIF/009/2016**Approved and commenced - April 2016 | **£268K** | 75% | **3-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 2A)**Industry Buyin and Agency Support: Woodland Trust £15,475.37; Digital Participation Challenge Fund £12,600; SNH £12,000; Inter-Agency Training Panel (In Kind) £1,468.00. Therefore total Industry Buy In = £41,543.37. Plus HIE contribution for the other 25% is £89,205.94.  |
| **Soil Association:** **‘Farming With Nature’**  | **Aim 1:** The programme will focus on using organic, agroecological and High Nature Value (HNV) production methods, which have a sound scientific evidence-base for protecting and enhancing the natural environment.  | **KTIF/010/2016**Approved and commenced - Oct. 2016. | **£160K** | 75% | **3-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 4)**Soil Association have secured the full 25% of match funding required including:

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| RSPB  | £23K |
| Scottish Water | £22.5K |
| In-kind: Private / Industry | £6K |
| Soil Association | c£15K |

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| **Soil Association:** **‘Farming For The Future’**  | **Aim 1:**  To support farmers and crofters across Scotland interested in productive and profitable farming and land use, using low-input and sustainable approaches to build financial and env. resilience in a changing climate.  | **KTIF/011/2016**Approved and commencing: Sept. 2018. | **£260K** | 75% | **2-year,****4-month** | **Knowledge Transfer (KT) Measure 1.1(Focus Area 5B)**The total eligible project cost is £346,520. Quality Meat Scotland and Forestry Commission Scotland (who currently fund ‘Future Farming Scotland’) will provide the same level of match funding for this new programme (i.e. the other 25%). |
| **SAOS Ltd:****‘Skills for farmer co-operation and co-ops ‘** | **Aim 1:** To build strong knowledge and skills base amongst Scottish farmers and crofters, to underpin the development of farmer co-operation and supply chain collaboration in Scotland. | **KTIF/012/2016**Approved and commenced - Oct. 2016. | **£296K** | **75%** | **4-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 2A)**SAOS Ltd: Partners contribution is £98,595 (i.e. the other 25%). |
| **Moray Beekeepers Association:** **The Healthy ‘BEES’ (Bee Education in Scotland)** | **Aim1:** The overall aim is to improve honey bee husbandry, beekeeping skills and honey bee health which will secure a sustainable and healthy population of Scottish honey bees.  | **KTIF/017/2017**Approved and commences - Dec. 2017. | **£53K** | **75%** | **3-years** | **Knowledge Transfer (KT) Measure 1.1 (Focus Area 4)**Moray Beekeepers Association:Participants contribution is £17,580 (i.e. the other 25%). |
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| **SAC Commercial: ‘Live Lambs Project’** | **Aim2:** To improve lamb survival and farm profitability. Operational groups (OG’s) of sheep farmers; advisors; researchers and commercial companies. | **KTIF/003/2016**Approved and commenced - July 2016. | **£81K** | **100%**  | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**Operational Group (OG) includes: 1 research institute; 2 farm businesses; 2 SME’s & 3 advisors. |
| **Quality Meat Scotland / AHDB: ‘Monitor Farm Programme’** | **Aim 2:** To establish 9 innovative Monitor Farms across Scotland to improve profitability, productivity and sustainability of producers through practical demonstrations, sharing best practice and discussion of up-to-date issues. | **KTIF/004/2016**Approved and commenced - April 2016. | **£1.25M** | **100%**  | **3-5years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**OG’s include: 2 NGO’s (QMS; AHDB Oilseeds & Cereals) & 1 research institute (MRI). |
| **SAOS Ltd: ‘Skinny Milk Project’** | **Aim 2:** SAOS will focus on the lean management approach. It is specifically targeted at individual Milk Supply Association members and their dairy farms supplying Lactalis UK group. | **KTIF/005/2016**Approved and commenced - April 2016. | **£143K** | **100%** | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**Operational Group (OG) includes: 4 NGO’s & 4 advisors. |
| **Wholesome Pigs Ltd: ‘Pig Production Efficiency’**  | **Aim 2:** The Operational Group (OG) will use emerging technology to build a new innovative system to improve the efficiency of Scottish pig production.  | **KTIF/007/2016:**Approved and commenced - April 2016. | **£91K** | **100%** | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**The OG includes SRUC; Scottish Pig Producers; British Veterinary Association and QMS. |
| **SRUC: ‘Reducing Antimicrobial Use in Dairy Farms ‘** | **Aim 2:** To encourage dairy farmers to reduce their antibiotic usage at drying off by practicing Selective Dry Cow Therapy. It is current practice to administer antibiotics at drying off, along with a teat sealant to reduce the risk of mammary infections. | **KTIF/013/2016**Approved and commenced - Dec. 2016. | **£172K** | **100%** | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**OG’s include: 2 NGO’s; 2 research institutes & 10 advisors. |
| **Scottish Organic Milk Producers Ltd:** **‘Grass to Milk: Organically’**  | **Aim 2:** To improve the profitability and resilience of producers of organic milk, the Operational Group (OG) will work  | **KTIF/014/2016**Approved and commenced - Dec. 2016. | **£61K** | **100%** | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1** **(Focus Area 5B)**OG includes: 20 farm businesses; and 1 advisor, |
| **Quality Pork Ltd: ‘Benchmarking Carcase Quality in Scottish Pigs ‘**  | **Aim 2:** Benchmarking will demonstrate what is possible and existing knowledge transfer and advisory networks will inform both processors and customers of the on-farm actions that can improve quality.  | **KTIF/015/2017**Approved and commenced - April 2017(\*delay due to Brechin abattoir fire re-open on Monday 13th November 2017). | **£115K** | **100%** | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**Operational group formed involving 2 farmers cooperatives, 1 farmer owned processing company, the UK division of Europe's largest pork processor and a Scottish technology company. It will be led by Quality Pork Ltd. |
| **Farm Stock Ltd: ‘Building Resilience into Scotland’s Lamb Supply Chains’**  | **Aim 2:** Only 47% of 2.5m Scottish lambs killed each year are slaughtered in Scotland and the number is declining. ‘Lean thinking’ will be used by getting farmers to work closer with processors. | **KTIF/016/2017**Approved and commenced - July 2017. | **£188K** | **100%** | **3-years** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**The Operational Group includes: 1 NGO; 1 research institute; 12 farm businesses; & 1 Small Medium Enterprise (SME). |
| **SRUC:****Fast Breeders**  | **Aim 2:** The key issue this project will address is the inherently slow rate of genetic improvement in dairy cattle on the female side. The 3-farmers involved in this project will use a common method of milk production based on a grass based system where cows are calved in spring and grazed outside thereafter.  | **KTIF/018/2018**Approved October 2018. - project commenced February 2019 | **£100K** | **100%** | **1-year** | **Innovation - European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**The Operational Group includes: 2 NGO’s ; 1 research institute; 3 farm businesses |
| **Scottish Agronomy Ltd -Foresight Farms**  | **Aim 2:** Foresight Farms is a new, one-year, farmer-led project that places high quality data and its use at the heart of farm management and business decisions.  | **KTIF/019/2018**Approved October 2018.-project commenced February 2019 | **£96K** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**The Operational Group includes: 5 farm businesses; 4 small medium enterprises (non-farm businesses) and 1 other. |
| **SAOS Ltd. - East West Grazing** | **Aim 2:** The project provides innovation as although cattle moving from West to East for wintering is not uncommon, it tends to be to indoor units on a “bed and breakfast” basis.  | **KTIF/020/2018**Approved December 2018 - project commenced January 2019 | **£36K** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**The Operational Group includes: |
| **SAOS Ltd - Feasibility of using woodchip bedding for livestock** | **Aim 2:** Project set up to look at the practice of using wood chips, wood fines and/or sawdust as animal bedding. It will define the type of wood chips and fines being used in Scottish farming at present and will summarise the risks and benefits of using the main types. | **KTIF/021/2018**Approved December 2018 - project commenced February 2019 | **£36K** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)**The Operational Group includes: |
| **SRUC/SAC -Grampian Growers Tuberzone Project** | **Aim 2:** SRUC are setting up an Organisational Group to introduce new processes and utilise new technologies in one part of the seed potato sector and encouraging farmers to adopt new technologies and practices.   | **KTIF/022/2019**Approved & Announcing on 27 August 2019  | **£74,712** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)** |
| **SRUC/SAC – DLT/Blockchain system for Gluten Free Oats** | **Aim 2:**  SRUC are funding a digital ledger (DLT/Blockchain) to be used to monitor gluten free oats.  Through this network the producer can provide reliable traceability and provenance as well as further add-value, provide irrefutable evidence that their oats are genuinely gluten free, produced to the highest standards and fundamentally improve supply chains. | **KTIF/023/2019** Approved & Announcing on 27 August 2019  | **£97,466** | **100%** | **6-mnths** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)** |
| **SRUC/SAC – Feeding for Fertility in the Suckler Herd** | **Aim 2:**  In light of low fertility rate in the suckler herd famers with a combined total of 32 businesses are eager to look at ways they can improve this.  This project will cover 35 herd (3256 cows).  This project will assess the nutritional status of the suckler cows both pre calving and post calving and link this along with changes to body condition scores and fertility.  | **KTIF/024/2019** Approved & Announcing on 27 August 2019  | **£74,429** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 5B)** |
| **SAOS – Livestock Performance Programme** | **Aim 2**: The aim of this project is to increase the resilience and production efficiency of the Scottish Suckler herd by piloting the project with sixteen beef suckler herds. They will use ScotEID data to analysis and calculate key management decisions on a day to day basis thus improving the herds’ performance, profitability and environmental efficiency. | **KTIF/025/2019**Approved & Announcing on 27 August 2019  | **£60,873** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 5B)**  |
| **SAOS – Beef Marbling in a High Value Supply Chain** | **Aim 2:** The project aims to enable producers to use new techniques to identify the best beef animals in a herd for each customer-specific supply chain.  They do this by using several different techniques for measuring carcass and meat quality, e.g. ultrasound, CT, video image analysis as well as mechanical, chemical and sensory meat quality tests. | **KTIF/026/2019**Approved & Announcing on 27 August 2019  | **£49,033** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)** |
| **Wholesome Pigs Ltd – PRRS Elimination in Pigs**  | **Aim 2:** This is to pilot the elimination of Porcine Reproductive and Respiratory Syndrome (PRRS).  The project is a collaborative elimination approach to clear the disease from the Moray Coast and refine the techniques that can be applied to the rest of the country.   | **KTIF/027/2019**Approved & Announcing on 27 August 2019  | **£81,314** | **100%** | **1-year** | **European Innovation Partnership (EIP): Measure 16.1 (Focus Area 2A)** |