

Food for Life Scotland

Climate Innovation Shorts: Case studies of best practice, innovations, adaptations and mitigations

APSE Annual Seminar, September 2025



Scottish Government Riaghaltas na h-Alba gov.scot

We advocate for good food as an investment not a cost, and connect with policymakers and producers, caterers and communities to make it a priority.





We join forces with caterers to get more fresh, local and sustainable food onto the public plate.



We support caterers to serve meals using locally-sourced and nutritious ingredients.

Food for Life Served Here certification

- Sourcing ethical and environmentally friendly food
- Making healthy eating easier
- Championing local, Scottish producers







- Recognising & rewarding continuous improvement and success
- Facilitating a journey
- Annual, independently inspected certification
- Affordable, impactful & deliverable framework of standards





Click to download:





Food for Life Scotland Impact 24-25

Here's how we've made a difference in 2024-25



24 FFLSH certification holders in Scotland

1,554 FFLSH certified sites in Scotland



17 local authorities

1,537 local authority sites



7 public sector certification holders through FFLS expansion

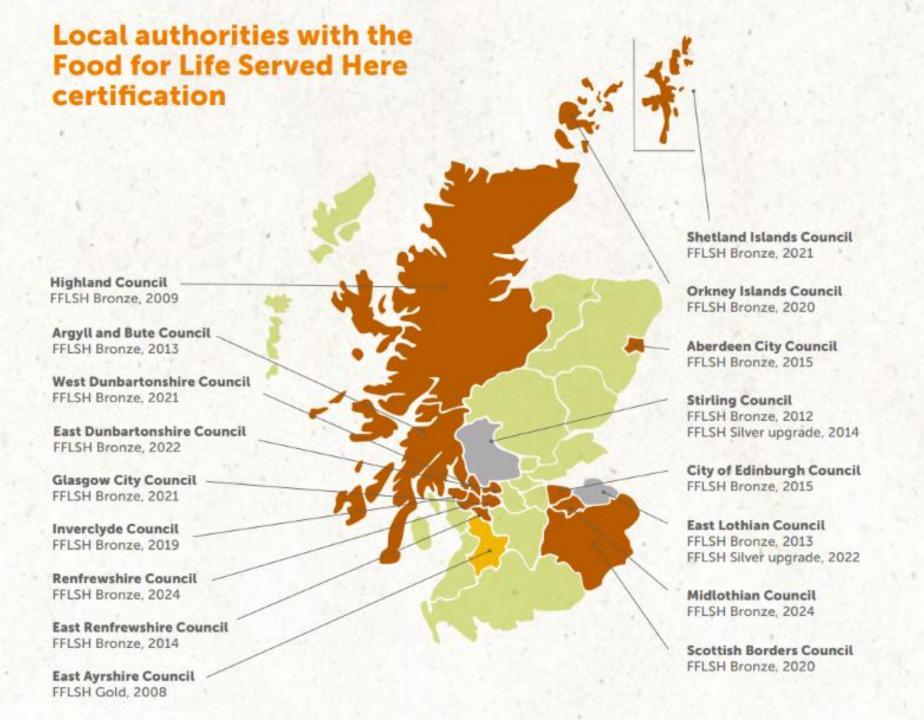
17 other public sector sites



114,702 FFLSH school meals served daily across Scotland*

 Number of meals served in early years settings and public sector sites certified as part of the FFLS programme expansion are not included due to availability of data







Celebrating council catering teams





From estate to plate

"Wild venison is such a sustainable protein — it's low carbon as we're not supplying the feed or farming it with added inputs, the deer are here in our landscape and need to be culled by regulation, so finding a valuable supply chain for this nutrient dense, sustainable meat is a no brainer."











Cool Food Pro

Cool Food Pro is a free online carbon calculator.

It supports caterers across five key areas to move towards more sustainable practices:

- Organic
- Local
- Seasonal
- Food waste
- •Less but better meat

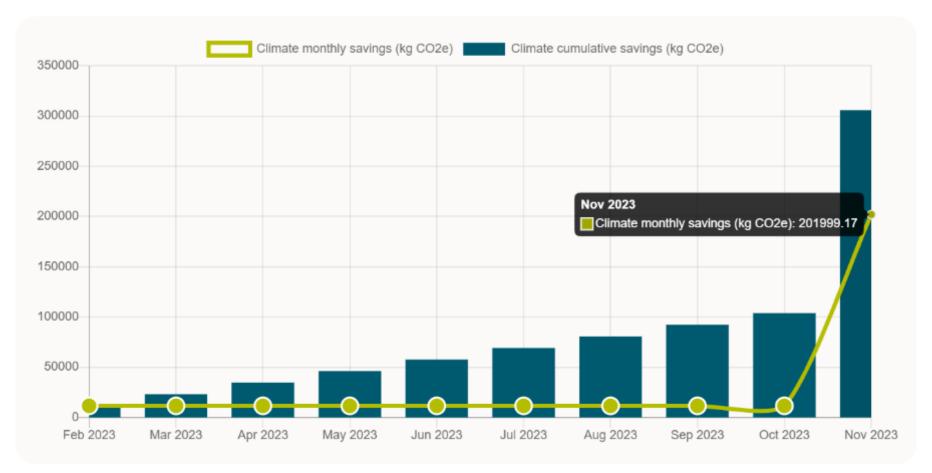
Cool Food Pro set targets, tracking environmental savings and shares these with customers, helping to reducing a caterers' environmental footprint.

www.coolfoodpro.net





Climate savings from Scottish organic products





CO2 converter ②



1,405,156 km by car



Climate savings infographic



176,741,023 km by

high-speed train



16,412 Heating days (gas)

By switching to organic products, BaxterStorey made significant climate savings.



1,329,400 km by plane



9,844 Smartphones













GIVE PEAS ACHANCE

Bringing local, organic peas to Aberdeen City school meals

On farm:

On farm:
Council staff visit
the farm and taste
the peas

Building a new supply scottland chain for Scottlish, organic peas



Aberdeenshire: Peas grown and dried

Lincolnshire:
Peas de-husked
and split

Aberdeenshire: Back to the farm to be bagged up Aberdeenshire:
Distributed by
existing council
wholesale supplier

Into kitchens in 61 schools across Aberdeen City Council

Menu and recipe development

Association SCOTLAND

- Recipe development session with Aberdeen City Council's cooks
- 11 recipes made it onto the menu including:
 - Sweet Potato and Pea Curry
 - Creamy Pea and Courgette Soup
 - Savoury Mince with Yorkshire Pudding
 - Kitchari Rice
 - > Choc Pea Muffin & Choc Pea Cookie
 - Pea Meatballs with Bolognaise Sauce







Pea Meals Carbon Emissions

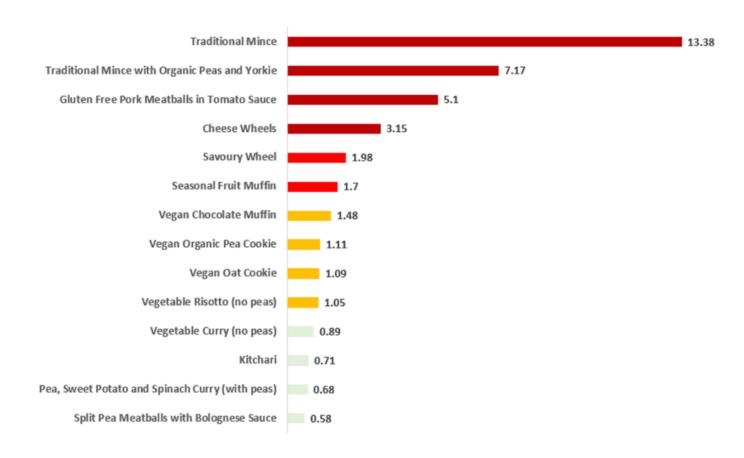
Comparison of carbon intensity of recipes* with and without peas (kgs CO₂e per kg)

	Dish	Recipe with Peas	Recipe no Peas	Which is the lower carbon recipe?
1	Mince	Very High	Very High	with peas
2	Meatballs	Low	Very High	with peas
3	Pastry Wheels	High	Very High	with peas
4	Vegetable Curry	Low	Low	with peas
5	Vegetable Rice	Low	Medium	with peas
6	Muffin	Medium	High	with peas
7	Cookie	Medium	Medium	no peas

^{*}Carbon intensity thresholds (Lemken et al, 2021):

 $Very Low = <0.5 kgs CO_2 e/kg; Low = 0.5-0.9 kgs CO_2 e/kg; Medium = 1.0-1.49 kgs CO_2 e/kg; High = 1.5-2.0 kgs CO_2 e/kg; Very High = >2.0 kgs CO_2 e/kg; V$

Pea Meals Carbon Emissions



^{*}Carbon intensity thresholds (Lemken et al, 2021): Very Low = <0.5kgs CO₂e/kg; Low = 0.5-0.9kgs CO₂e/kg; Medium = 1.0-1.49 kgs CO₂e/kg; High = 1.5-2.0 kgs CO₂e/kg; Very High=>2.0kgs CO₂e/kg

Click to watch our Give Peas A Chance! film







Food for Life Served Here and Good Food Nation Scottish Government Riaghaltas na h-Alba gov.scot



GFN Principles

Bronze Standards Silver/Gold Standards

Broader connections FFLS programme activity

Social and Economic Wellbeing Staff training

> Supports highquality local catering jobs

Environment: climate change and wildlife

Food waste

Seasonal produce

Procurement of organic ingredients

Supports sustainable farming practices

Health and physical/mental wellbeing

> 75% dishes scratch cooked

Free from transfats and undesirable additives

Making healthy eating easier

Preventing future ill health

Economic development

> Highlighting Scottish ingredients, including QMS

Capacity for local supply chain projects and data analysis

Championing local producers

Thriving local food economy

Animal welfare

Free range eggs

Farm assured meat (i.e. QMS)

Sustainable fish

Organic and RSPCA products Education

Caterers communicating with diners

Supports educational attainment

Aligned with Learning for Sustainability

Food Education

Child poverty

Supports quality universal provision and uptake



Thank you

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