

Self-sufficient Composting System

Dundee and Angus College



The project

In response to the Waste regulations (Scotland) entering into effect in January 2014 that requires food waste to be separated, the College developed its **own composting system** turning **waste** from training kitchens and the canteen **into compost** that is used on site



Outcomes and implications

- The College now has **2 composters** and **2 dewatering facilities** which reduce the volume of compostable waste by 80%
- The compost is used within the college by the gardeners and the horticulture department, making it an efficient and **closed-loop system**
- All the food waste generated on-site is composted by the college, removing the need for external contractors and generating **financial savings**



SDGs

By driving **resource efficiency** and reducing the environmental and economic costs of handling food waste, the project supports the achievement of **SDG12**

By **reducing per capita environmental impact** caused by food waste generation and management, the composting system also contributes to **SDG11**

