

Selected development priorities to 2020	Basic Research	Applied Research	R&D and Demos	Training
Development of small scale solutions for biogas production and use				
❖ Low cost, modular, scalable designs for small capacity biogas plants	-	+++	+++	-
❖ New cost effective techniques for biogas clean-up and removal of trace contaminants	-	+++	+++	+
❖ Proven pre-treatment technologies for increased rate and/or extent of feedstock conversion	-	+	++	-
❖ Advanced monitoring, control, and reporting	-	+	++	+
Solutions for improved nutrient management				
❖ Technologies for the capture and use of nutrients from digestate as fertiliser	-	++	++	-
❖ Logistics of feedstock and digestate movement	-	+	+	+
❖ Technologies for water-course protection	-	+	++	-
Embedding Biogas Use in the Regional Economy				
❖ Biogas contribution to Sustainable Energy Communities	-	++	++	+
❖ Integrated supply chains	-	+	+	-
❖ Reduced barriers to public acceptance	-	+	+	+
❖ Control and mitigation of financial risk	-	+	-	+
Future crops and bio-based products				
❖ Knowledge of a range of new crops for bioprocessing to produce biogas or <u>biochemicals</u>	+	+++	+	+
❖ Knowledge of CO ₂ enriched greenhouse and hydroponics-based cultivation	-	++	+++	+
❖ Emerging knowledge of products suited to small scale <u>biorefinery</u> operation	+	++	-	-