For a community of ambitious, collaborative companies developing new products and services in feed, food and fuel

- Technology and equipment
- Infrastructure
- Scientific expertise

£40.5m ‘development hotel’
3,500m² with £6.5m of technology and equipment

£40.5m
‘development hotel’

Biorefining Centre
Future Food Centre
Analytical Science Centre
Enabling companies and entrepreneurs to……..

- Invent
- Test
- Validate

Advance up the Technology Readiness Levels

To innovate in a safe, development environment with academic experts to advise and support
Connected: Part of the UKRI-BBSRC family
History: Pioneers of agriculture

George Stapledon FRS
Professor of Agricultural Botany
Welsh Plant Breeding station 1919

“......one of the greatest scientific farming pioneers of our century”
Institute for Biological, Environmental & Rural Sciences

358 staff: 1400 students

£32m annual
£17m research
£8m with industry

Largest agriculture and biosciences department in any UK university
Under construction in 2019
New home for BEACON in Aberystwyth

988m²
Bioprocessing Centre

Field laboratory
Primary processing room
Downstream processing unit – food grade
Fermentation unit
Industrial Biotechnology Unit
Bioprospecting Area
Clean Lab. ISO7
Synthetic Biology incl. Robotics
Low Carbon Laboratory
Future Food Centre

Meat, dairy and liquids pilot scale processing – food grade
Packaging and storage facilities
Food quality testing laboratories
Microbiology laboratories
Sensory Testing Suite
Demonstration Kitchen

Facilities for 2020
Facilities for 2020

Analytical Science Centre

- Bioprospecting Area
- Extraction facilities
- LC-MS and HPLC Laboratories
- Gas Chromatography Room
- Microbiology Laboratories
- Clinical trials capabilities
- Data Processing Suite
Innovation Hub

Board room
Various meeting rooms
Seminar spaces
Refreshments
Events
Open plan office space
Technology for remote meetings
Example partnerships:

• Farming and food production to optimise **product quality**
• Improving food and waste management through **autonomy and big data usage**
• Development of **functional foods**
• Enabling development of a **personalised nutrition** approach
• **Ingredient** and **additive** development
• **Flavour** and **texture** advancements
• ‘Smart manufacturing’ for improved **shelf life**
• Managing shelf life through **packaging** innovations
• **Clinical trials** for taste and texture
• Reducing **food waste**
• Extracting **valuable chemicals** from waste
• Developing **industrial biotechnology** solutions
• Bioactive discovery and **extraction processes**
Located metres from the new build

323 m² of high quality office accommodation

22 individual offices

Offices from 8 m² to 32 m² (1-4 person)

Parking!

Membership packages:

- Resident (full time)
- Associate (part time)
- Virtual

Fully Serviced Offices - Business Community

Entrepreneurs, start ups, established businesses and satellite offices
Construction programme

Completion Seed Biobank
Decant and open Seed Biobank
Completion Biorefinery
Decant and open Biorefinery
Completion whole scheme
Open for operations

New train station at Bow Street
Opening May 2020