

#DryLabsRealScience



UNIVERSITY OF
BATH

Bio-enterprise projects

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Enterprise

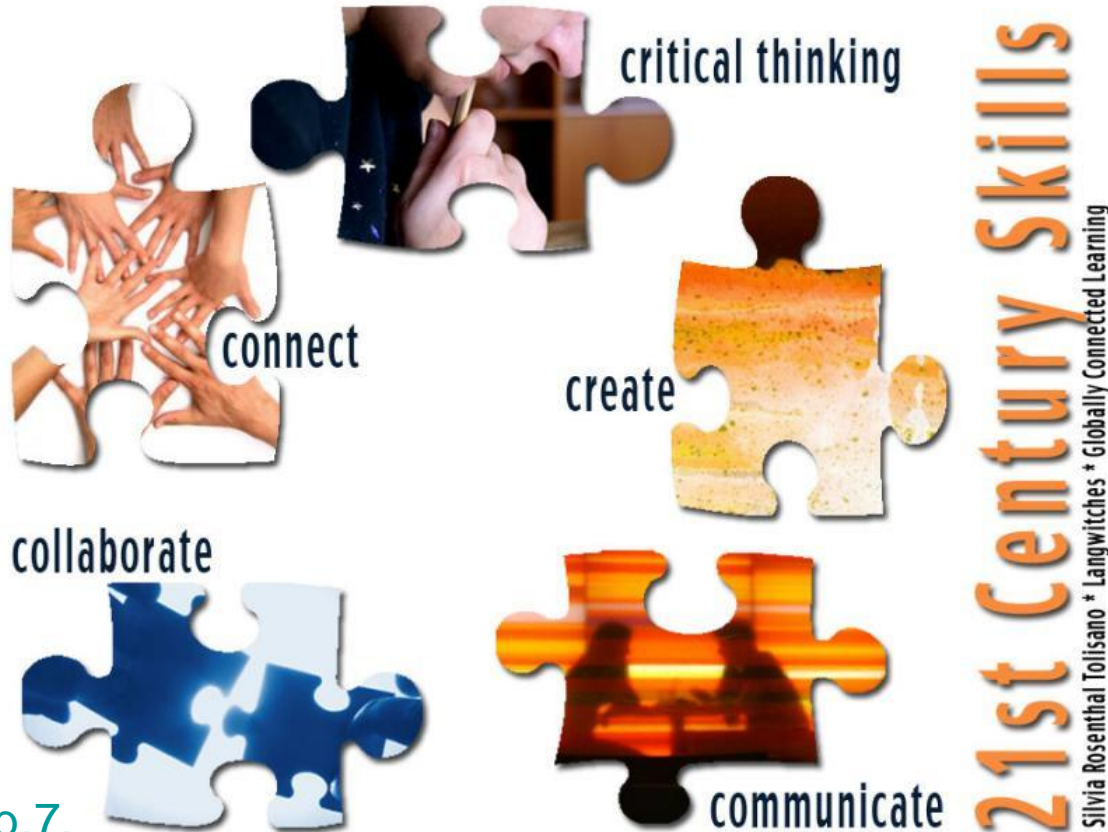
‘the generation and application of ideas, which are set within a project or undertaking

Entrepreneurship

‘the application of enterprise behaviours, attributes and competencies into the creation of cultural, social or economic value. This can, but does not exclusively, lead to venture creation’

Graduate Attributes for Enterprise

‘It combines creativity, originality, initiative, idea generation, design thinking, adaptability and reflexivity with problem identification, problem solving, innovation, expression, communication and practical action



Why offer 'bio-enterprise' projects?



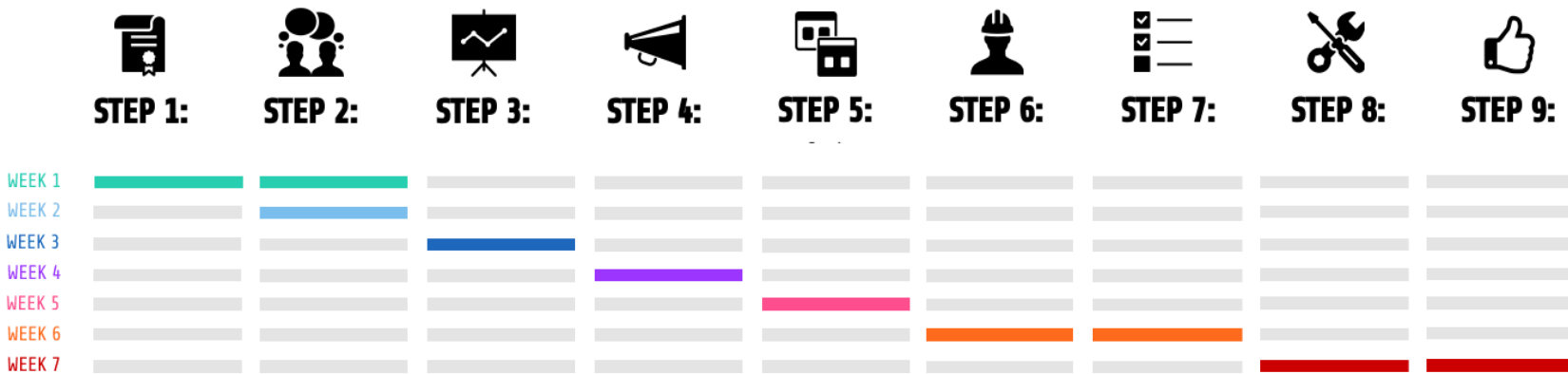
STUDENT

- Aligns to student career aspirations
- Low-risk 'taster' of what is involved
- Opportunity to get involved in driving ideas forward

STAFF

- Opportunity to have a genuine partnership with students to address global / local problems (e.g. UNSDG)
- 'Test-drive' ideas
- Efficient use of resources (space, time etc)

PROJECT TIMELINE *(11 week duration)*



- Business start-up training through workshops on the 'Biotechnology & Enterprise' module
- Assessment criteria same for wet or dry lab projects

PERFORMANCE

- Organisation & Professionalism
- Professional ability
- Contribution
- Independence
- Communication
- Activities log

WRITTEN REPORT

- Information, content and sources
- Structure, coherence and cogency
- Formulation of arguments, justifications and reasoning
- Evaluation, critical appraisal and balance

Types of 'dry' bio-enterprise projects

Proof-of-
concept for
start-ups

Social
enterprise

Product /
process
identification
and
development

Examples of bio-enterprise projects



Examples of bio-enterprise projects



Biotechnology



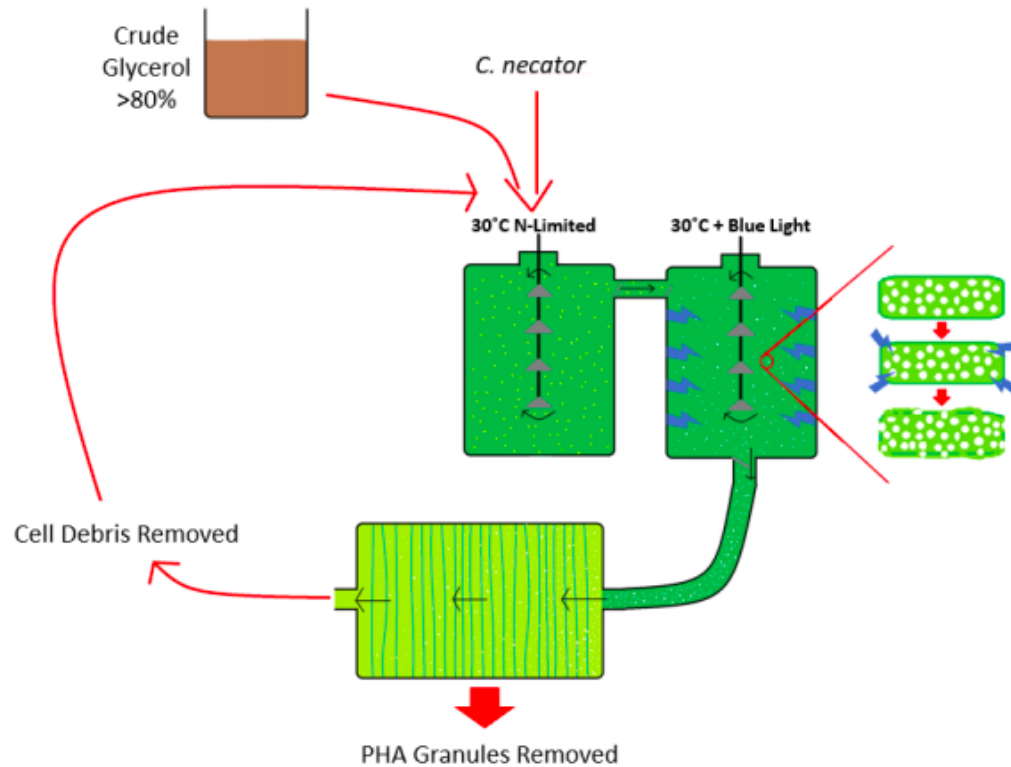
Product development

Sustainable.

Biodegradable.

Plastics.

PHA plastics



JOE CURTIS

BSc (Hons)

Biomedical Sciences
(2019-20)



Addressing the Water Needs of Rural Nigerians

The Limitations of Rural Water Supply and Seeking Improvement

