



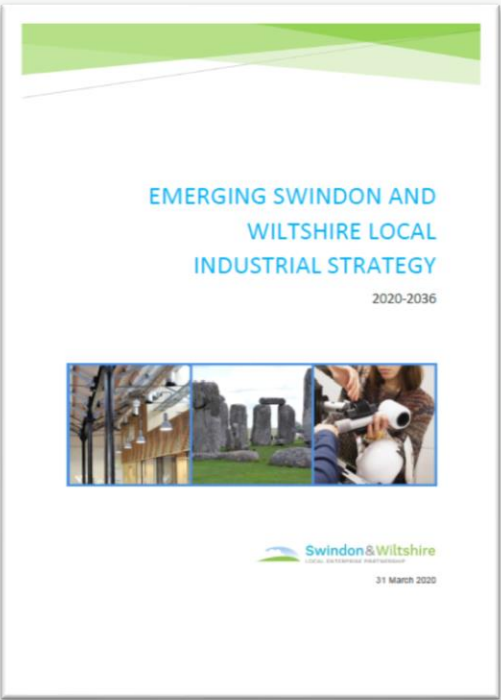
CIRCULAR ECONOMY NEW BUSINESS MODELS, NEW TECHNOLOGIES & CLEAN GROWTH

Professor Matthew Davidson, University of Bath
Adrian Griffiths, CEO of Recycling Technologies

CIRCULAR ECONOMY: NEW BUSINESS MODELS, NEW TECHNOLOGIES & CLEAN GROWTH

MULTIDISCIPLINARY RESEARCH CENTRE

Delivering on Swindon & Wiltshire's Industrial Strategy



RESEARCH-INDUSTRY GATEWAY

Collaborative research leading the way

Innovation
Centre for the
Circular
Economy



GLOBAL MARKETS

Taking innovation to international Tier 1s



LOCATION

Ideal setting for space skills & purpose



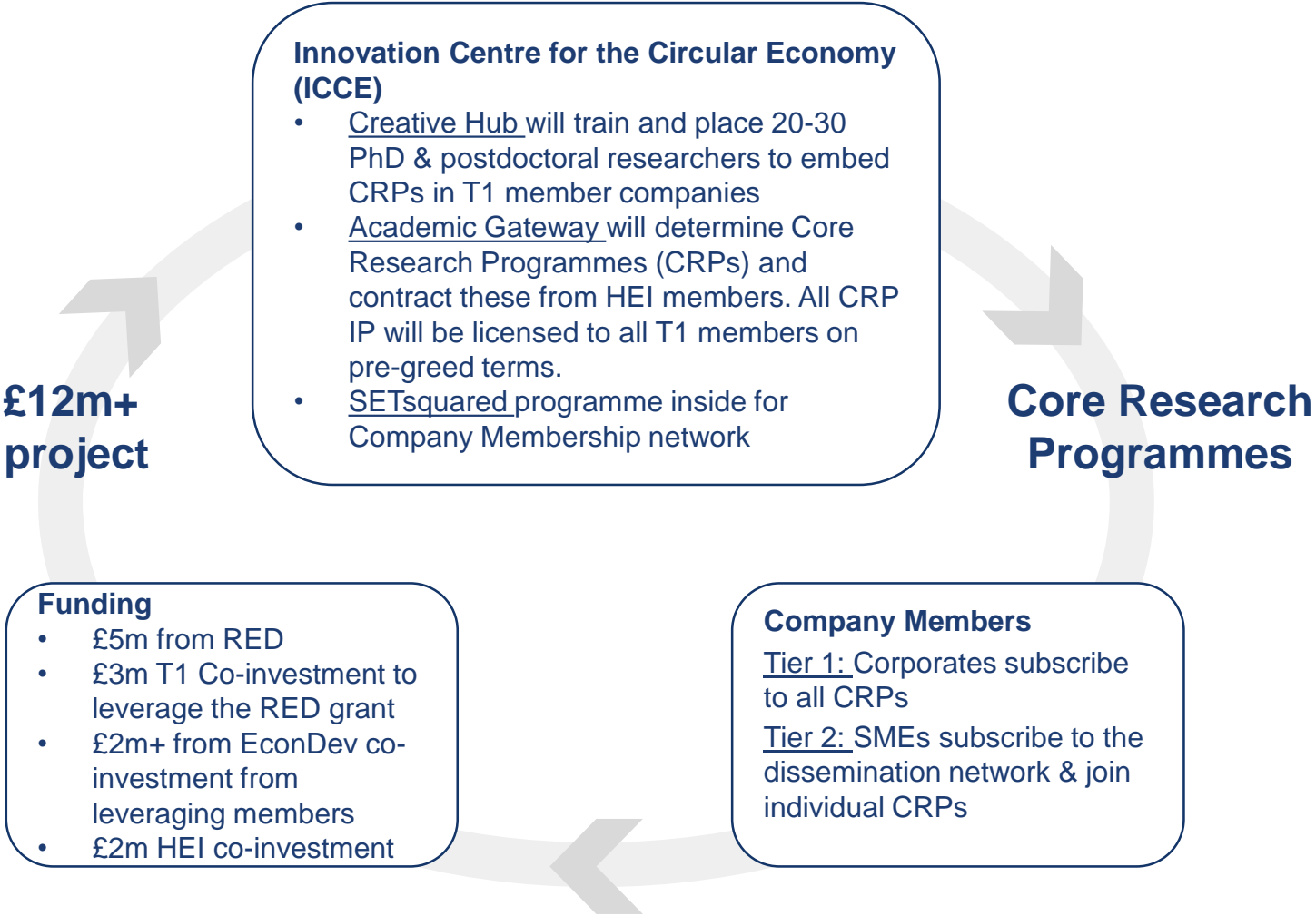
Strategic Priority 4:
Research & innovation opportunities at the Science Museum, Wroughton

INNOVATION CENTRE FOR THE CIRCULAR ECONOMY



From the Centre for Sustainable & Circular Technologies:

- Multidisciplinary University Research Centre since 2008
- £35M+ research funding
- 160 researchers
- 40 external partners
- Sustainable Technologies Business Acceleration Hub with SETsquared
- Research England Development Fund bid – July 2020



CHEMICAL RECYCLING DEVELOPMENT CENTRE (CRDC)

Recycling Technologies...

Product

- A modular, mass-producible machine for sale to the global waste industry
- Recycles waste plastics into oil, from which more plastic can be made – the **Circular Economy**

Organisation

- >100 people by Q3, mainly in R&D & Engineering
- High Value Manufacturing plant based in Swindon
- **Platform for taking new technology to a global market**

...research focused

Current Status

- Collaborating with five universities
- Significant research facilities in multiple locations
- A world-leading Circular Economy technology developer

CRDC

- Concentrates the R&D in Swindon @ Wroughton
- Would employ >25 PhD / Masters qualified people by 2022
- **Creates route from ICCE academic research to market**



DELIVERING THE PLAN – NEXT STEPS

Where possible, ICCE and CRDC are looking to deliver their plans in parallel which will kick start the development of the Wroughton site as an Innovation Campus. In order to do so:

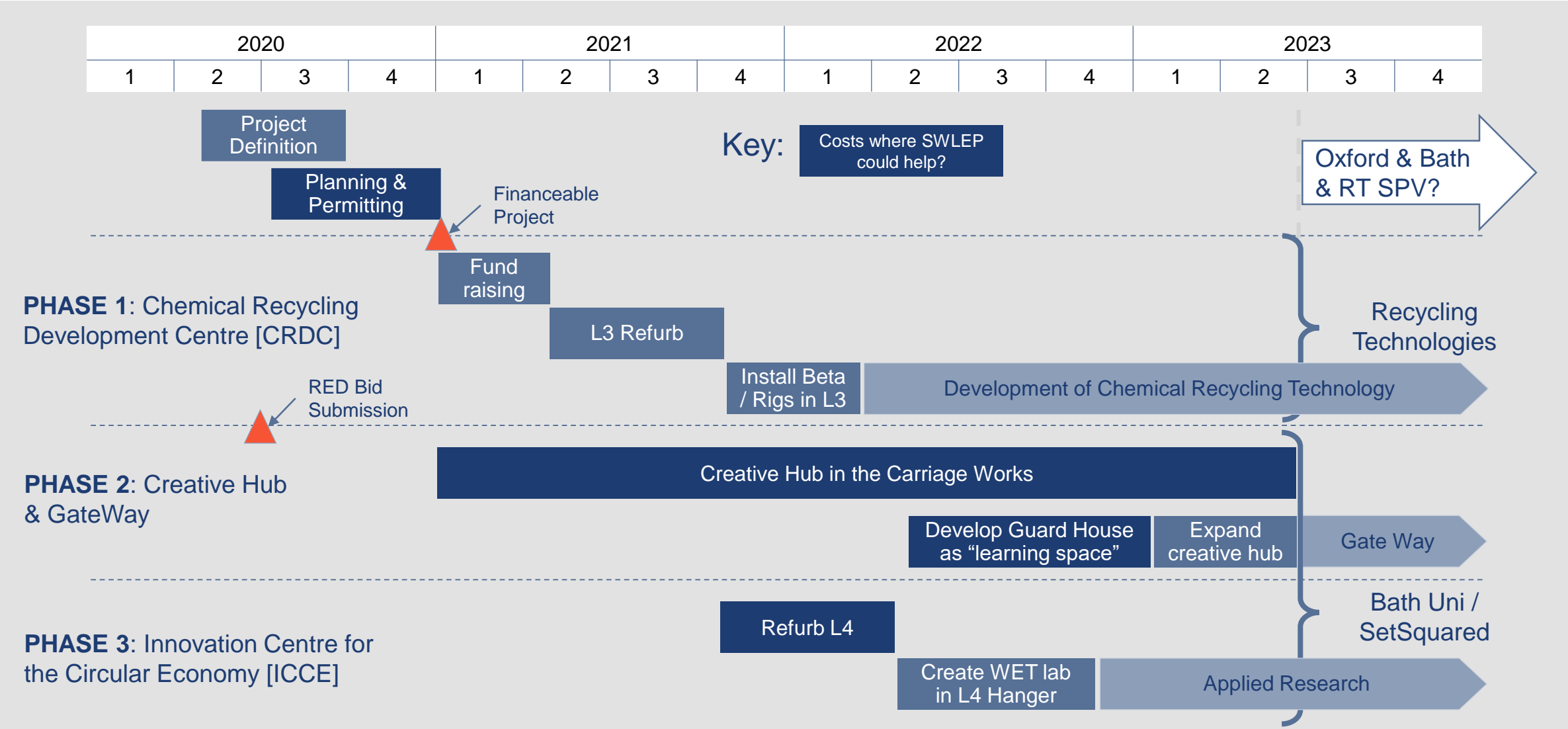
1. ICCE is seeking investment partners to match fund its Research England bid; and
2. CRDC / ICCE is seeking operational support for its outline planning permission application.

The Swindon & Wiltshire Local Enterprise Partnership Board is recommended to:
agree whether the ICCE proposal should be developed into a strategic outline business case focussing on the potential of the Wroughton site as a main facility with a Research Gateway facility in Swindon.

POTENTIAL PARTNERS



ICCE / CRDC TIMESCALES





Centre for **Sustainable
& Circular** Technologies



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