

Digital Age Academics

Connecting Digital Strategy With Academic Chaos
At Victoria University



The Digital Vision and Strategy for Learning and Teaching

ACTION POINT 9 – Support of innovation through the innovation incubator

THE INNOVATION INCUBATOR

Open
Technology
Forum

What am I
doing?
Do you want
to do this
too?

Technology
Service
Catalogue

This is
something I
can use.
This is how
you get and
use this.

Innovation
Projects

How do
formalise
support for
unstructured
innovation IT
projects?

Innovation
Infrastructure

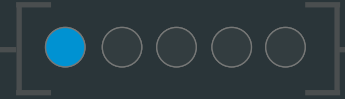
Here is a
platform for
you to do
whatever you
want!

What were our challenges in 2010?



- Reactive unstructured adoption of technology – too many Lone Rangers
- Limited support, services or rewards for innovation in teaching
- Lack of funding and strategic support for technology in learning and teaching
- Technology being used to change pedagogy not the other way around

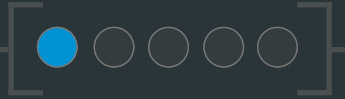
What are our challenges now?



- Complete lack of technology support for learning and teaching in 2014 (updated this morning!) -

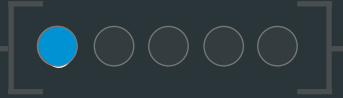
University	Amount of eLearning Support FTE	Amount of full time academics	Support per Academic FTE
AUT	10	1014	101
Canterbury	4	547	137
Otago	8	1162	145
Auckland	32	2131	67
Massey	7	1072	153
Waikato	5	639	128
Victoria	4	807	202
Lincoln	2	234	117

Created a Strategy to Drive Change



Vision and Strategy for Digital
Learning and Teaching at
Victoria (2012-2017)

Action Plan – Build Capability

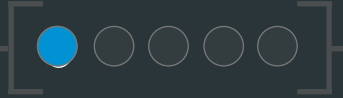


Staff training and support in ICT use provided and ongoing development encouraged for all staff engaged in learning and teaching

Faculty support staff employed to help staff engage with technology

Provision of student training and support for ICT use in courses

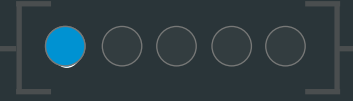
Action Plan – Change Delivery



Encouragement of a change in the way face to face time is used in courses

Development of a technology platform and roadmap for investment in new and improved learning and teaching technologies

Action Plan – Drive Innovation



Support of innovation through the
innovation incubator

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The Innovation Incubator



A managed environment that is used to support learning and innovation in a way that encourages exploration by staff

Provides an innovation framework that :

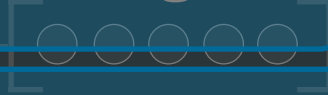
- Reduces the threshold needed to engage with technology;
- Encourages and supports collaboration and a scholarly assessment of innovations;
- Controls costs and reduces unnecessary duplication of effort;
- Collects information on the experience of staff with particular innovations to inform future ideas.

The Innovation Incubator




HUB.VICINNOVATE.AC.NZ

The Digital Vision and Strategy for Learning and Teaching




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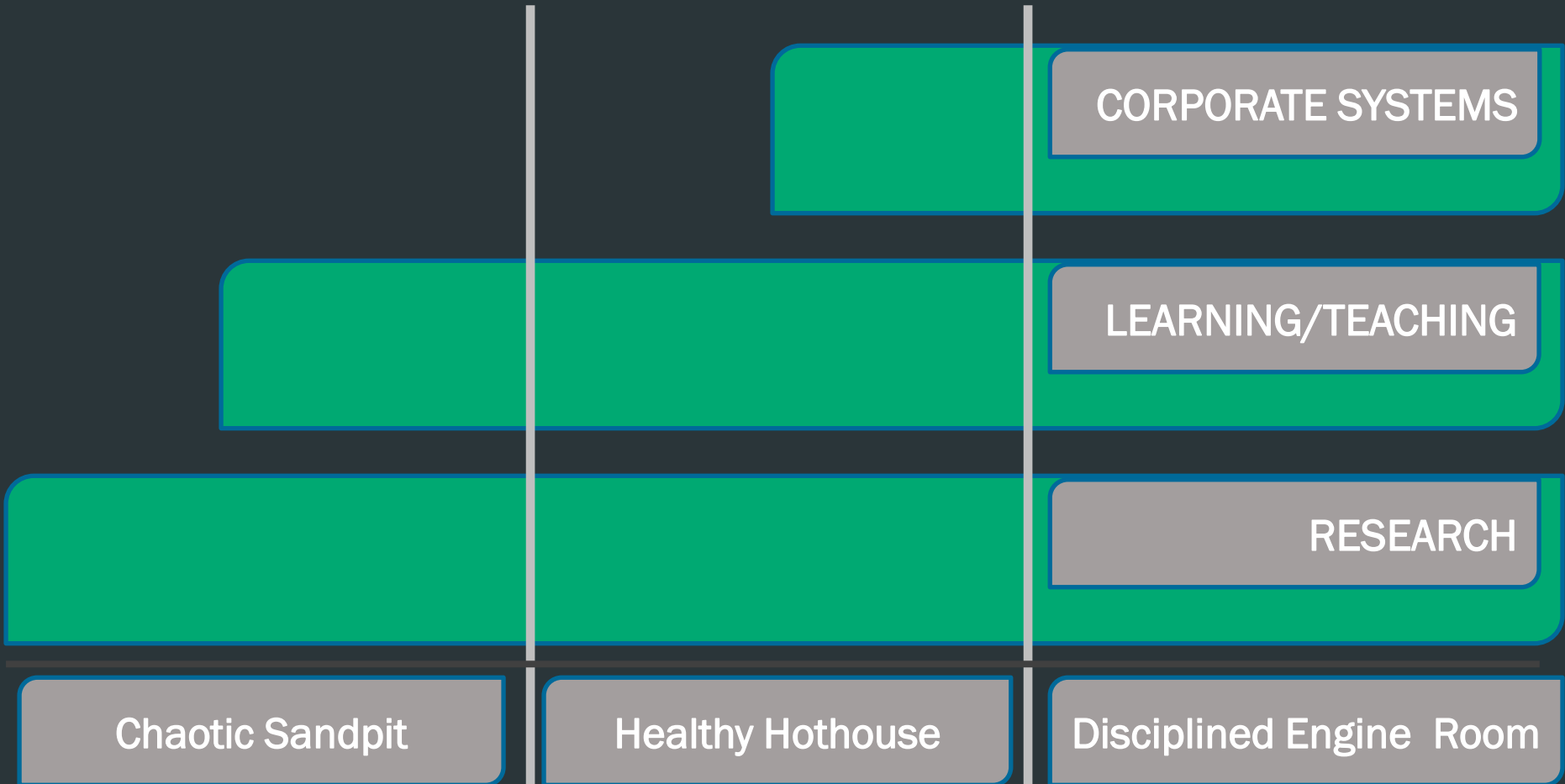


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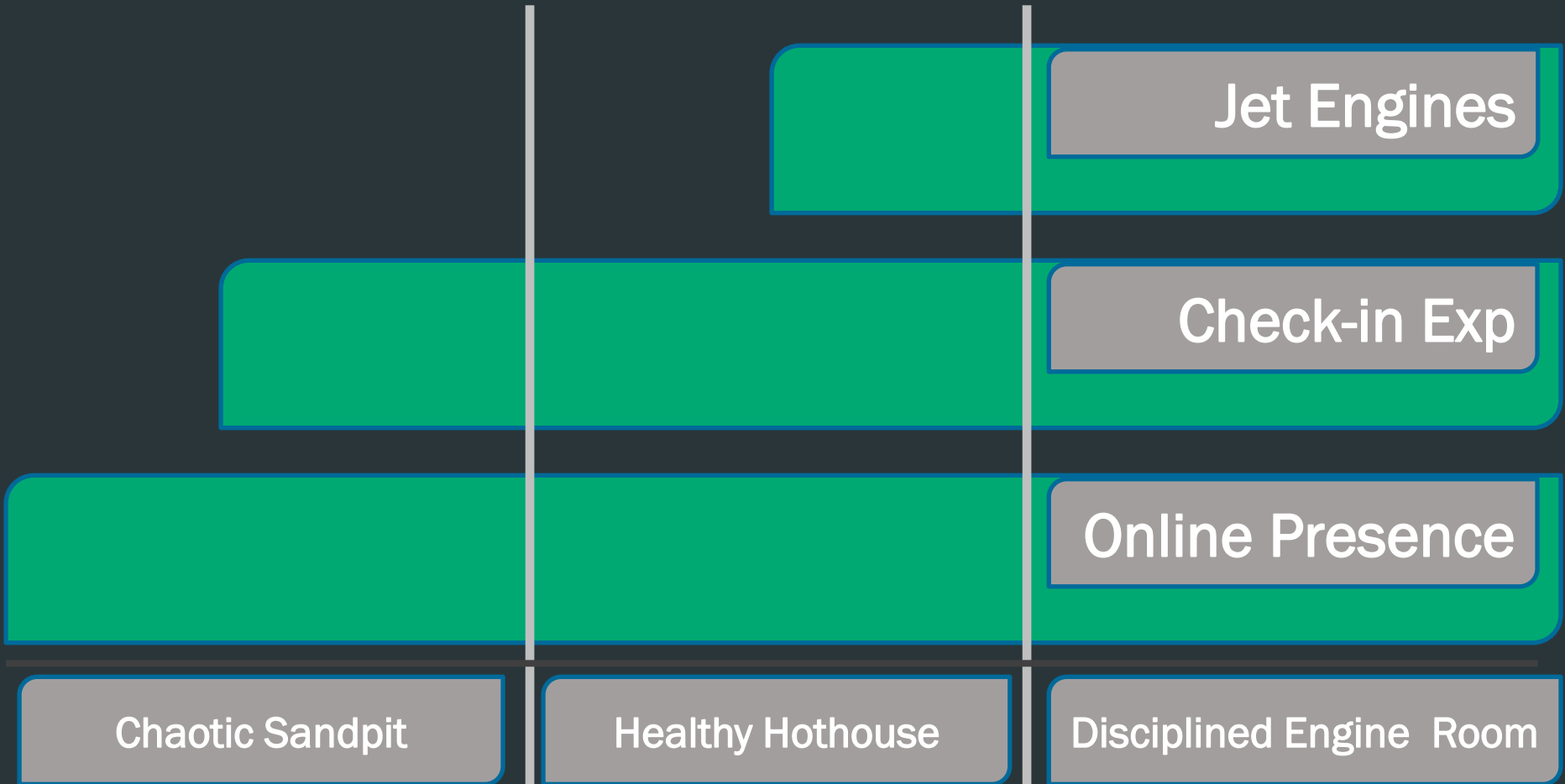


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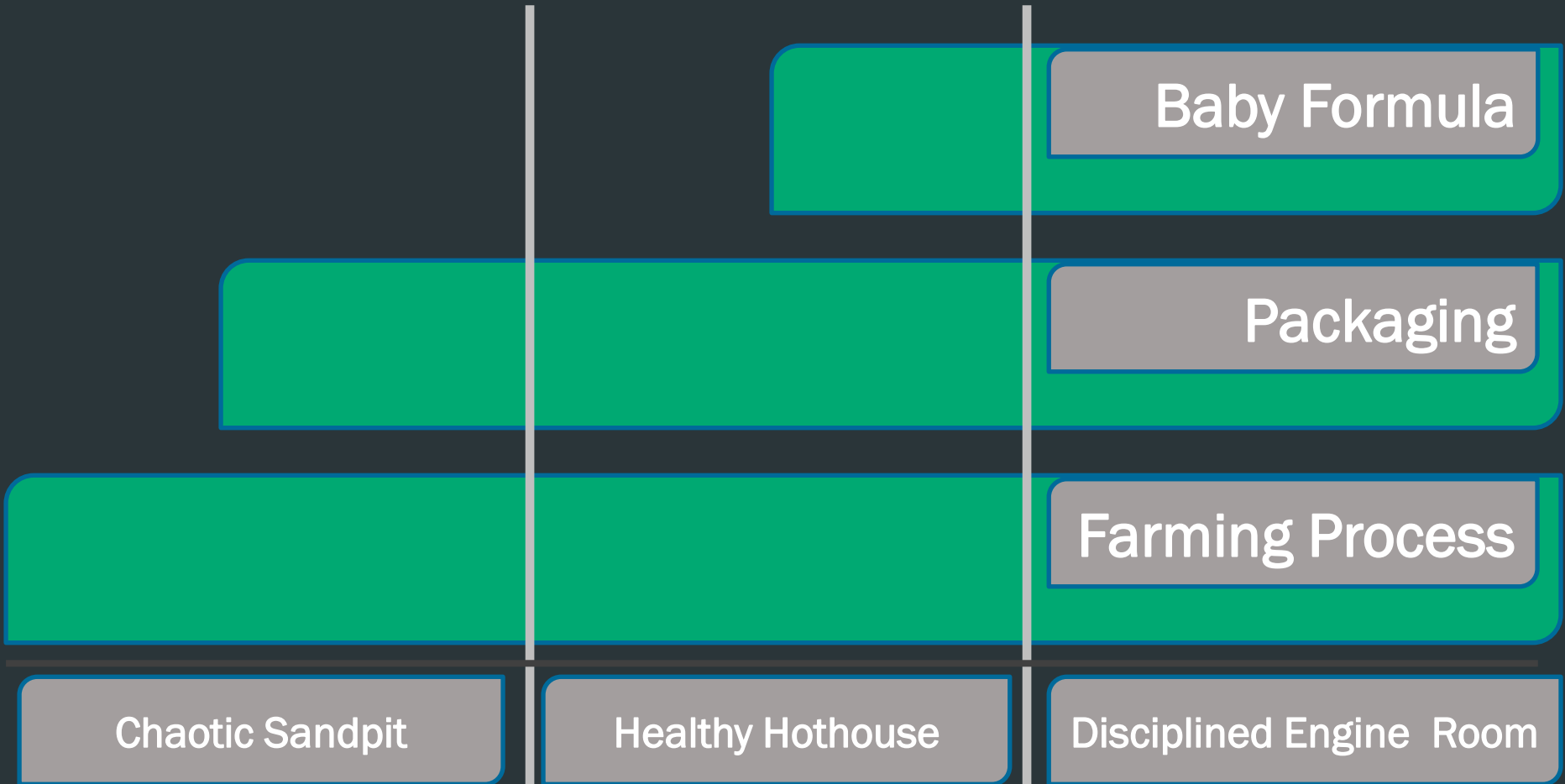
The Chaotic Sandpit Innovation Model



The Sandpit - Airlines



The Sandpit - Farming



The Sandpit Motto



**Innovate as close to your core
business outcomes as possible while
managing risk to service, data and
reputation**

Managing The Sandpit – Set Standards



Open Access

No Change Control

Open Architecture

Low Security

No Integration

Open Dev

Review Access

No Change Control

Plan Architecture

Security Testing

Integration Planning

Dev Collaboration

Integration + IDP

Change Control

Formal Support

Formal Security

Formal Architecture

Application Support

Chaotic Sandpit

Healthy Hothouse

Disciplined Engine Room

Managing The Sandpit – Infrastructure



CLOUD

Chaotic Sandpit

Cloud

Blended IaaS

Virtualisation

Healthy Hothouse

Selected
Corporate
Infrastructure

Disciplined Engine Room

Managing The Sandpit – Innovate Culture



Accept
Failure

Have Fun

Break Stuff

Learn From
Failure

Evaluate
Success

Champion
Innovation

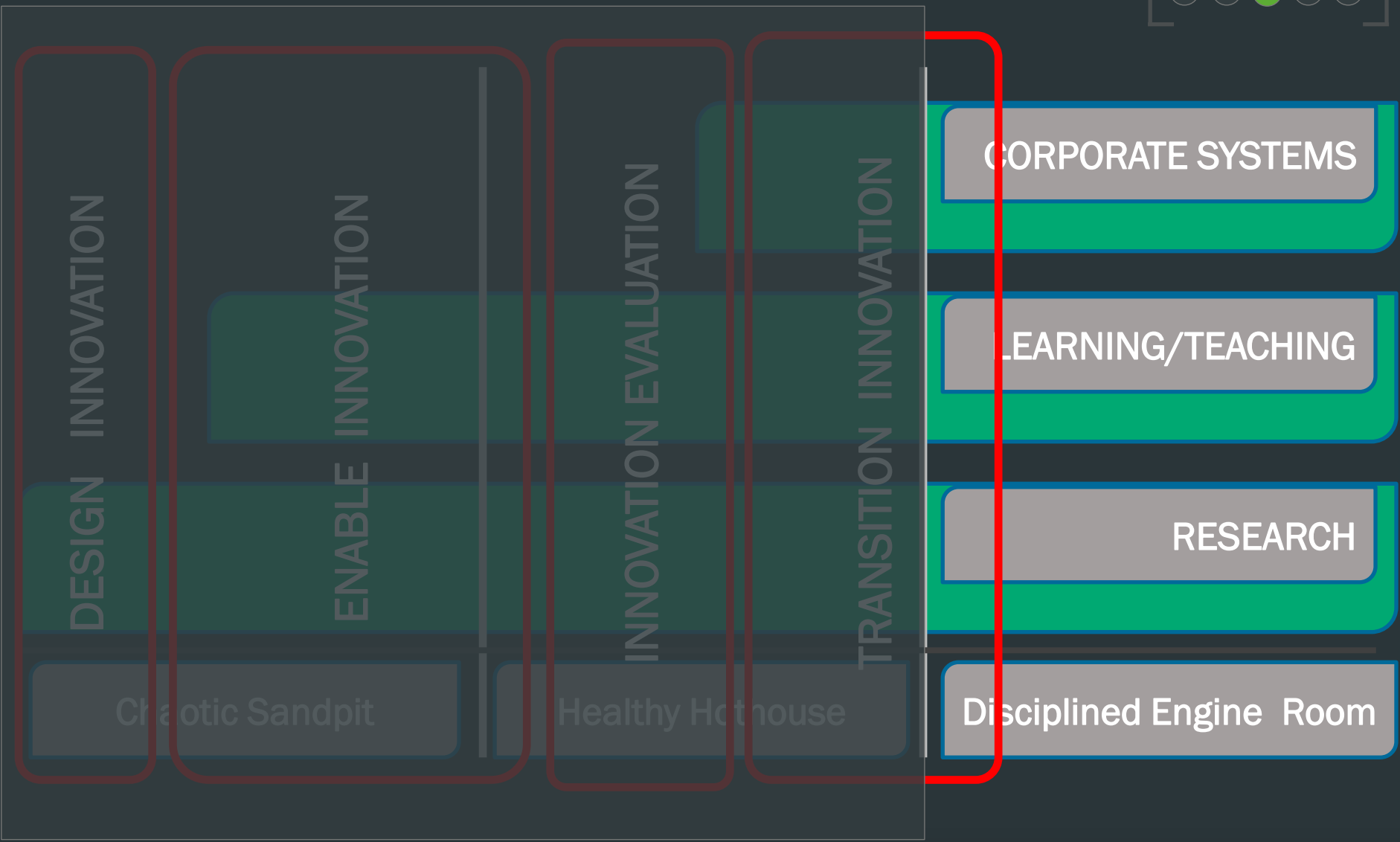
Campbell
Live

Chaotic Sandpit

Healthy Hothouse

Disciplined Engine Room

Managing The Sandpit – Support and Transition



Managing The Sandpit – Evaluate



Create
Research
Test

Research
Evaluate
Trial
Modify
Decision Making
(Dump, Keep,
Commercialise)

Service Delivery
Product
Development –
Commercialise
Archive – Learn
from experience

Chaotic Sandpit

Healthy Hothouse

Disciplined Engine Room

Managing The Sandpit - Support Processes



MULTIDISCIPLINARY DESIGN

AGILE PLATFORM DELIVERY

PROJECT PROCESSES

SERVICE TRANSITION

SERVICE LEVEL

MANAGEMENT

CORPORATE SYSTEMS

LEARNING/TEACHING

RESEARCH

Chaotic Sandpit

Healthy Hot house

Disciplined Engine Room

Any Innovative Questions?

