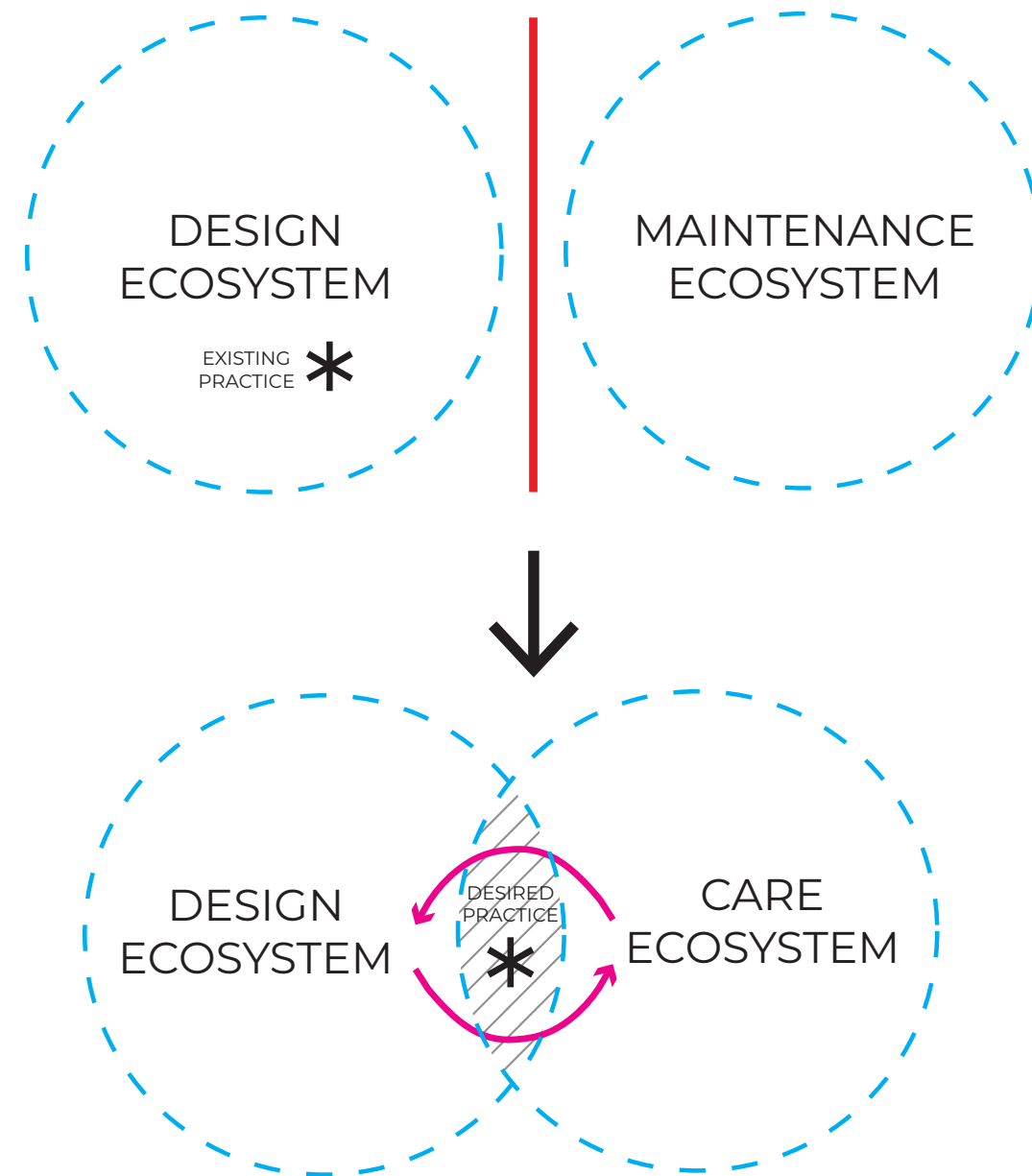


*Towards a New Practice of
Integrated Landscape Design and Care*

Amy Tsang

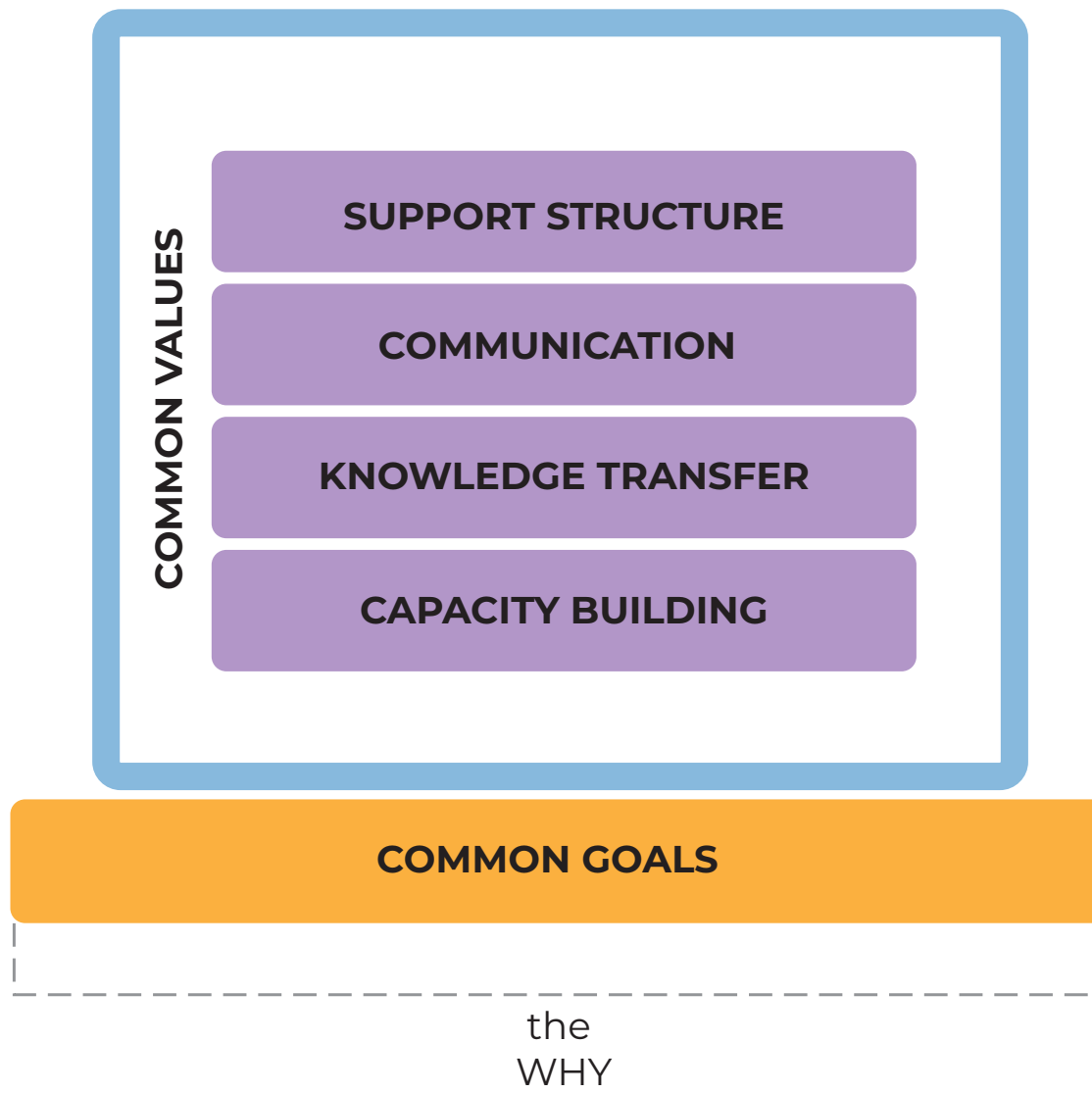
Doctorate of Design Final Presentation

June 2023



Research Objective:

To develop ways to successfully support and enhance ecological function in design through the integration of design and maintenance



A 'Model of Care'

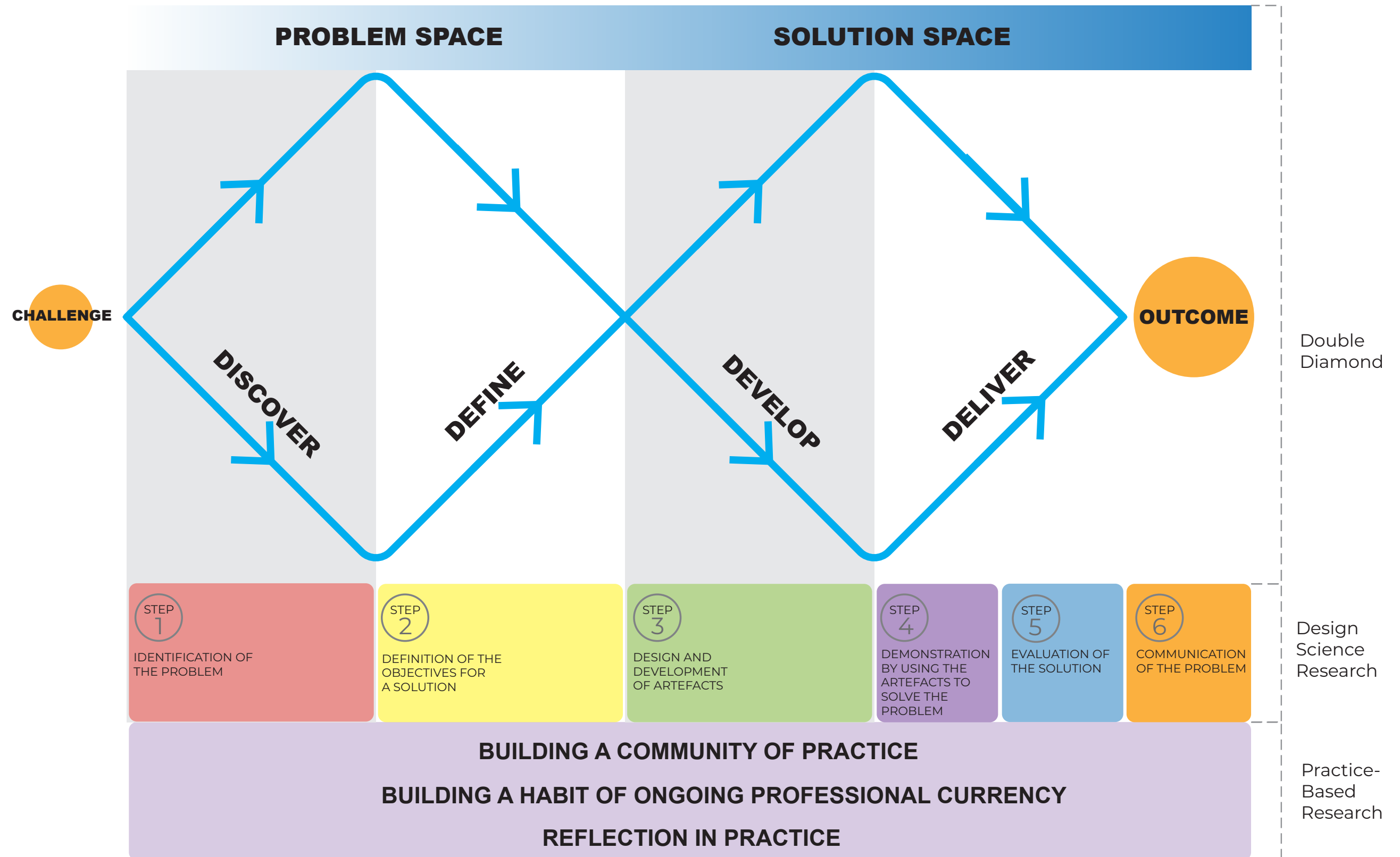


Functioning ecology:

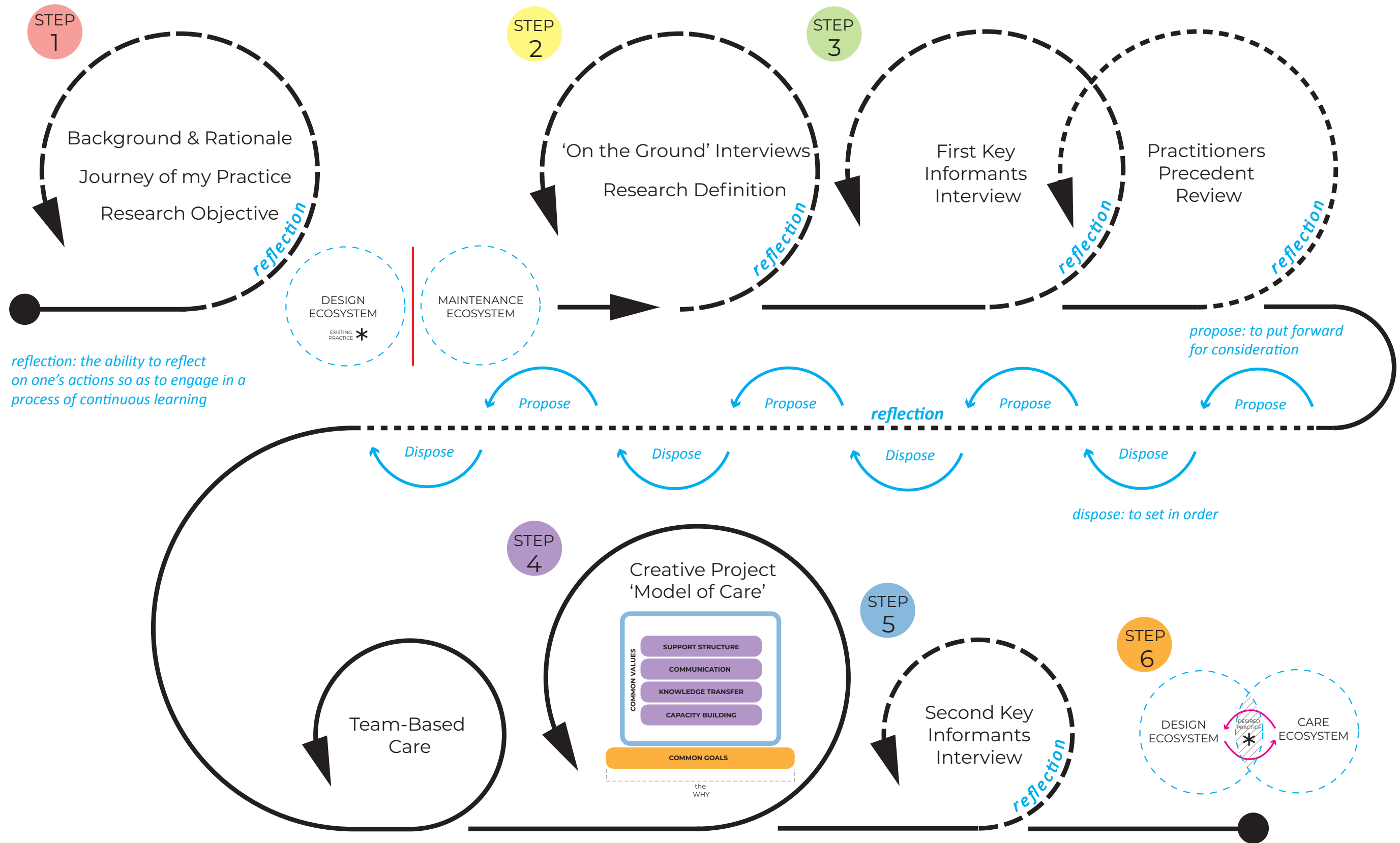
That which provides or enhances natural services and processes that directly benefit plants and wildlife within the context of designed landscapes

Ecological design:

Design centered around functioning ecologies

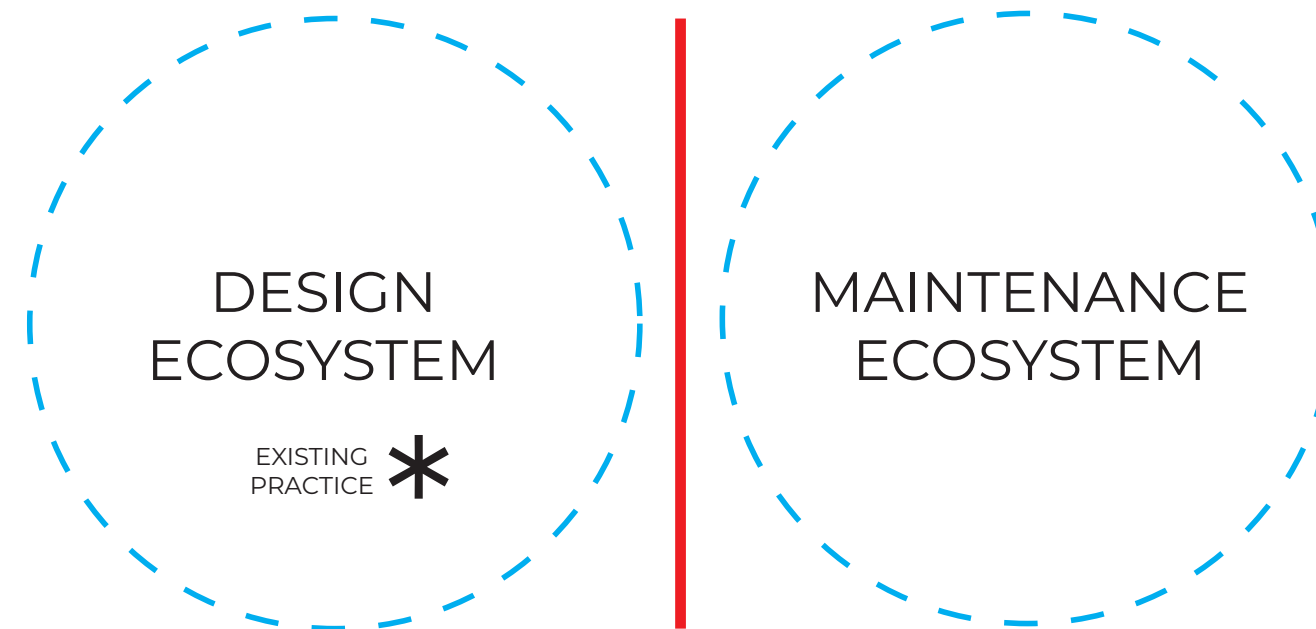


Framework and Methodologies



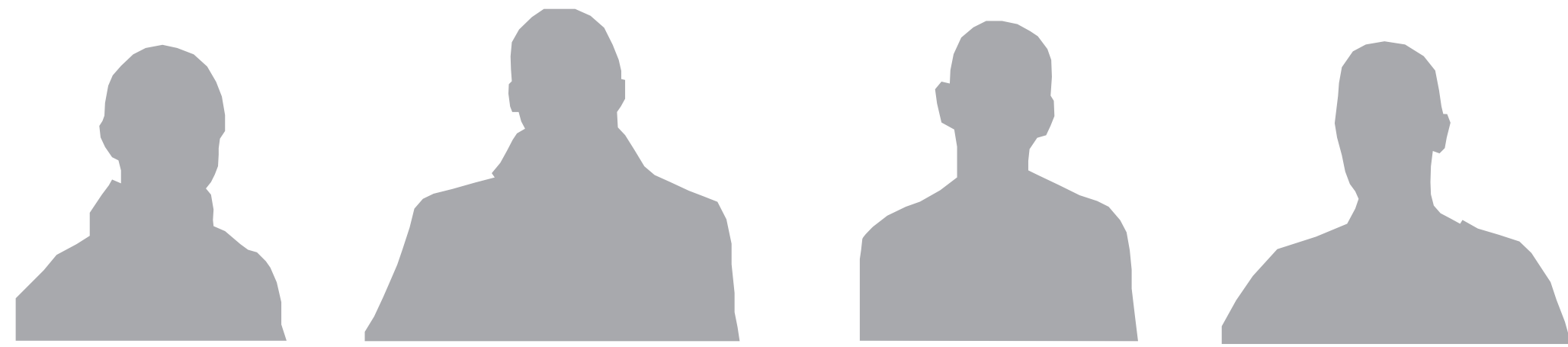
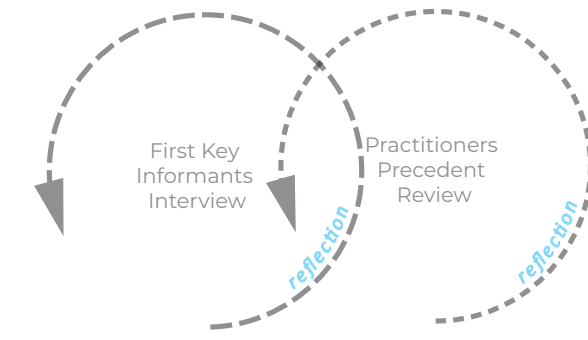
Research Process

Challenges



What if.....?

Defining Objectives for a Solution: 'On the Ground' Interviews



Key Informants



Cornelia Oberlander



Michael Van Valkenburgh



Robin Wall Kimmerer

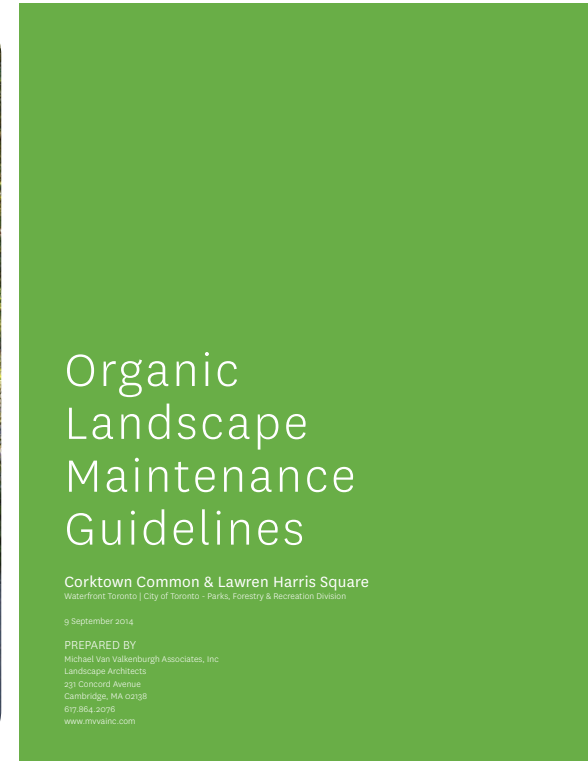


Douglas Tallamy



Piet Oudolf

First Key Informants Interview and Practitioners Precedents Review

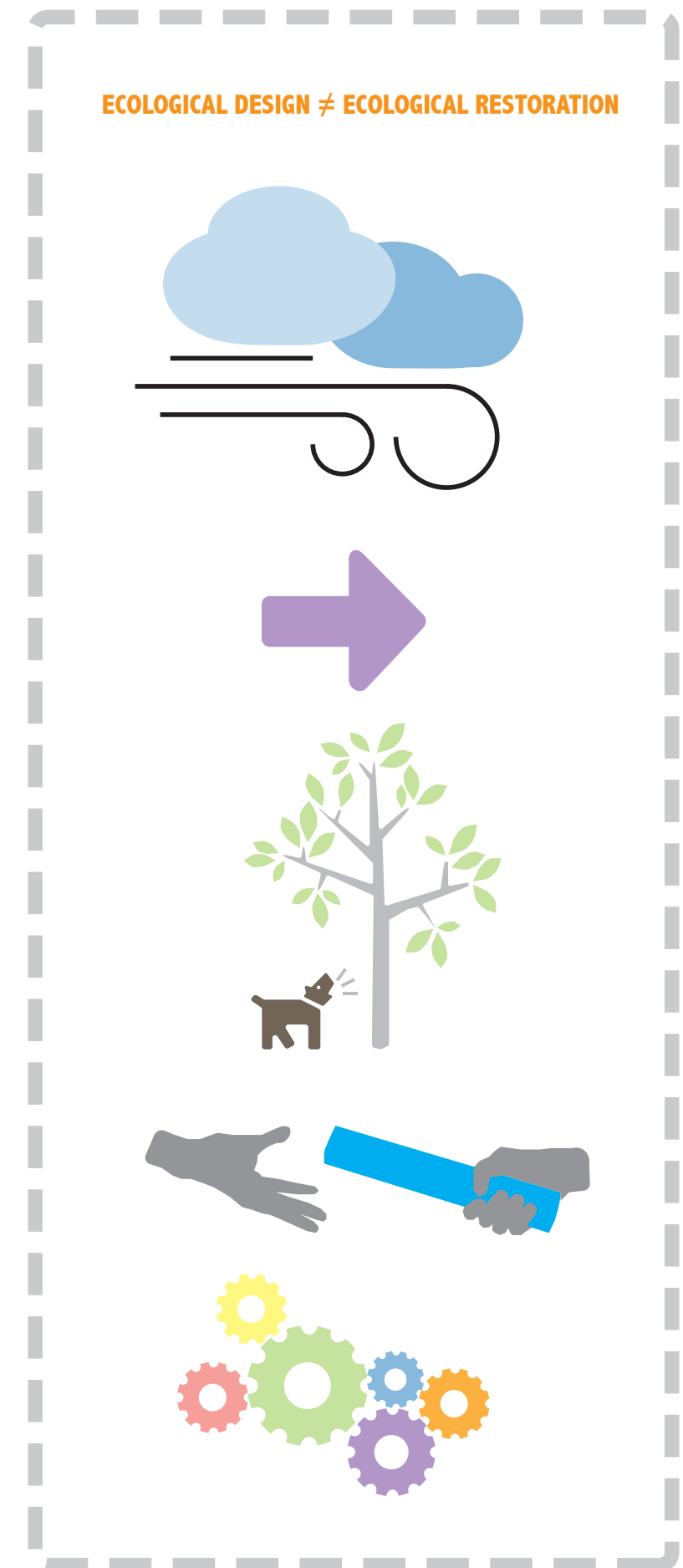
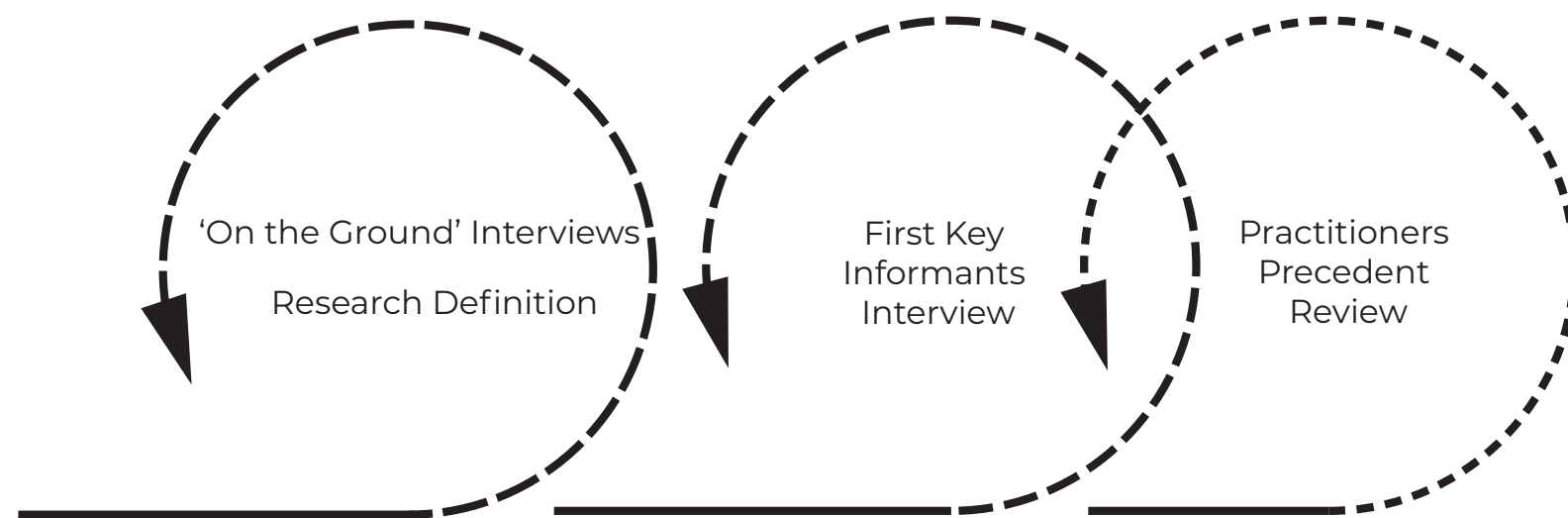


Corktown Common, Toronto (Michael Van Valkenburgh)



The High Line, New York City (Piet Oudolf)

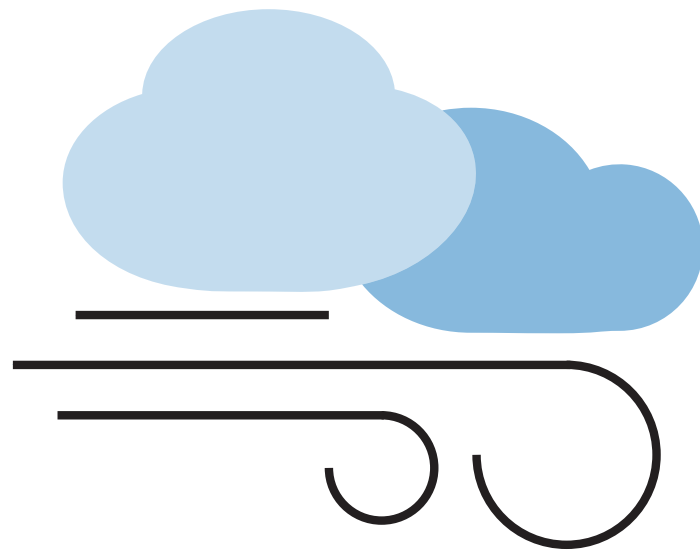
Homegrown National Park (Douglas Tallamy)



A New Mental Model of Ecological Design

ECOLOGICAL DESIGN \neq ECOLOGICAL RESTORATION

Ecological Function Alone is Not Enough

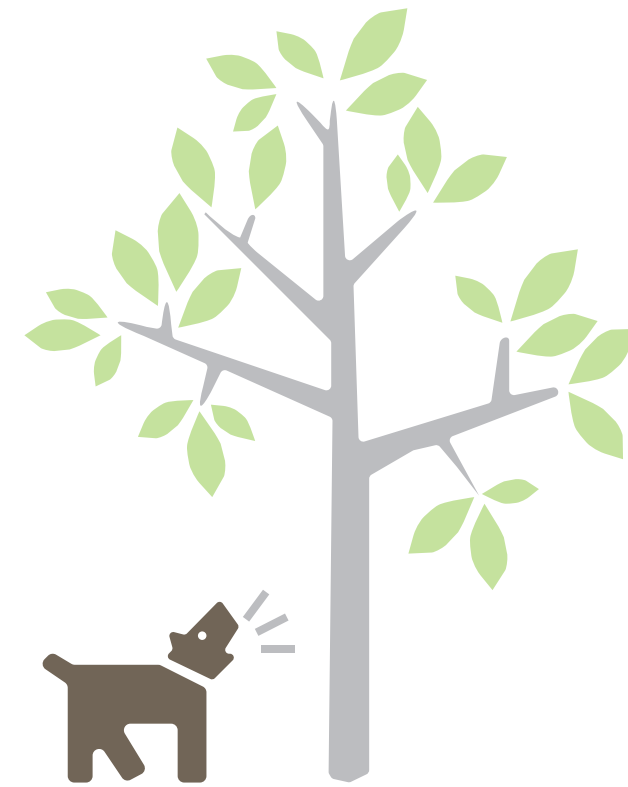


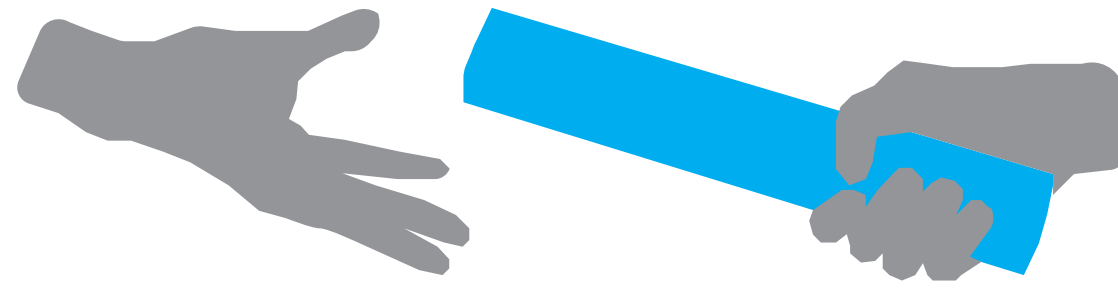
The Act of Maintenance is no Different than a Windstorm



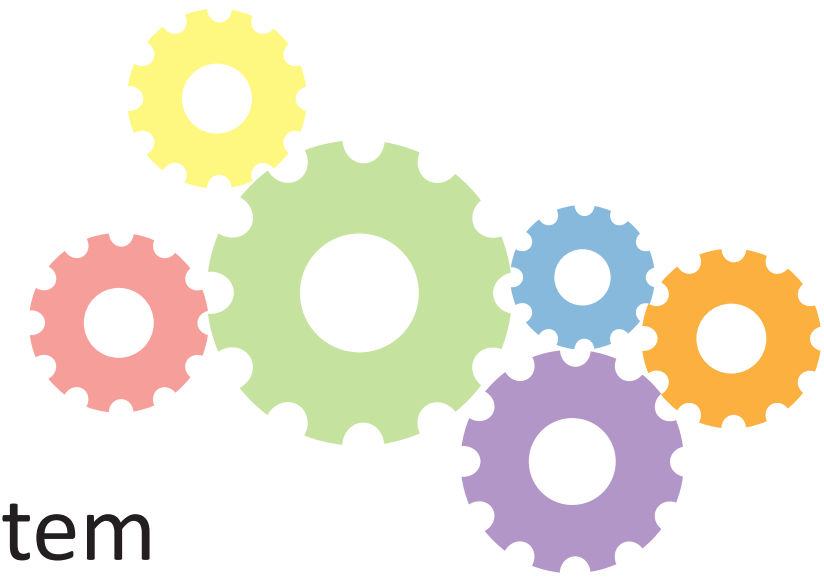
Plants are *Alive*

Barking up the Wrong Tree

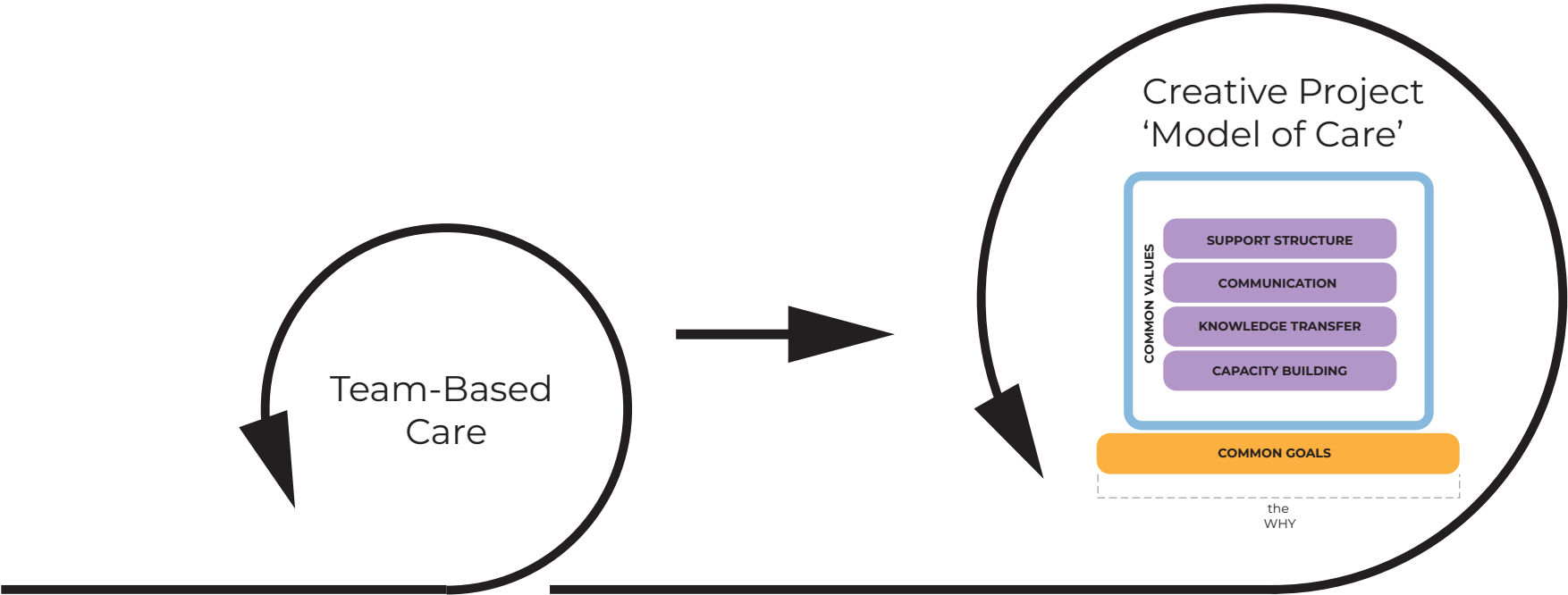


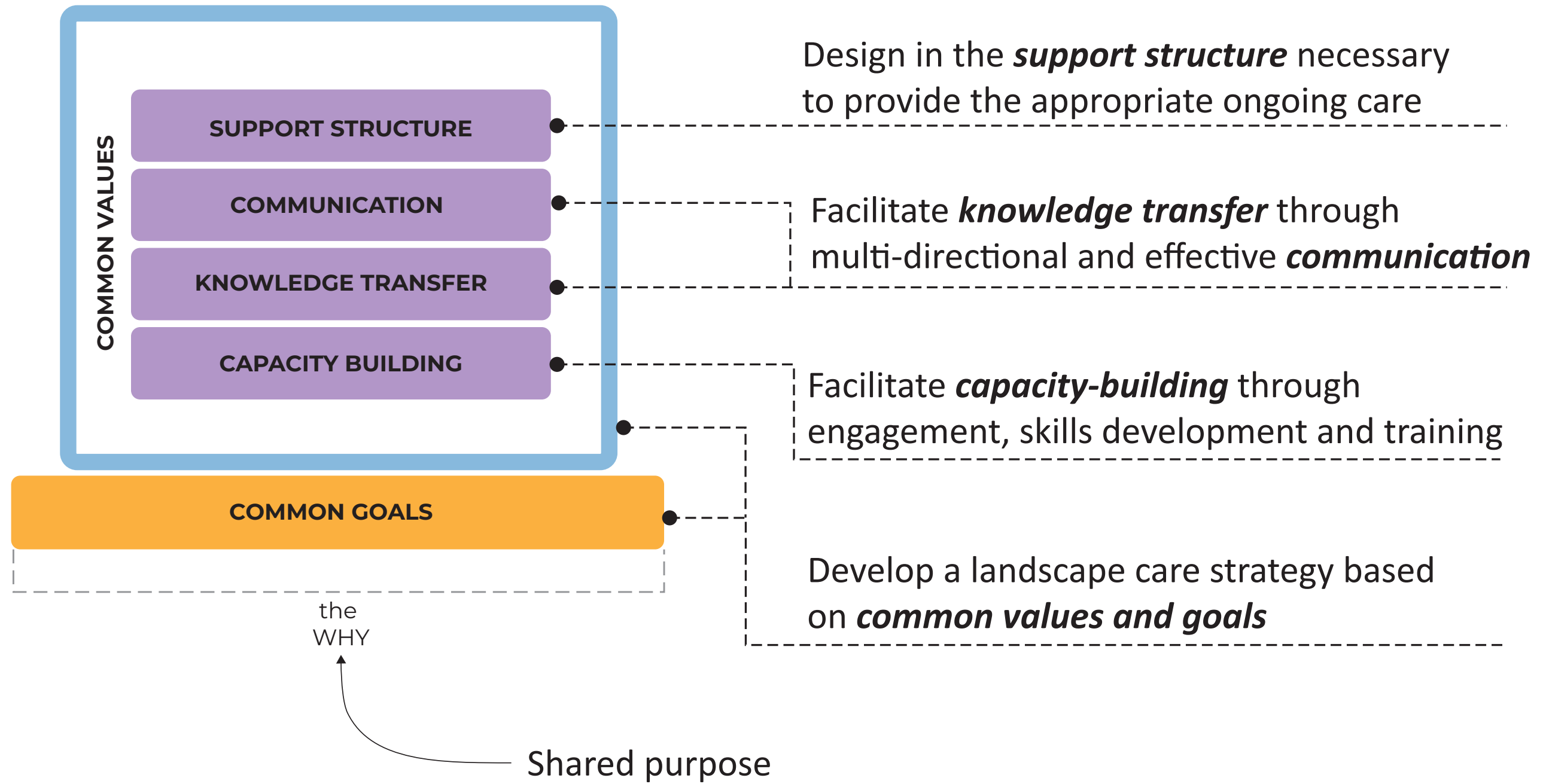
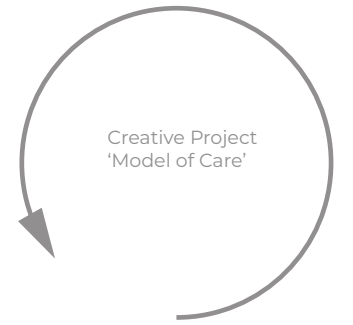


Pass the Baton



Design in the Support System





The Creative Project: A 'Model of Care'

'SELF'



Brian and Sheri

'COMMUNITY'



Jennifer

'CONTRACTOR'



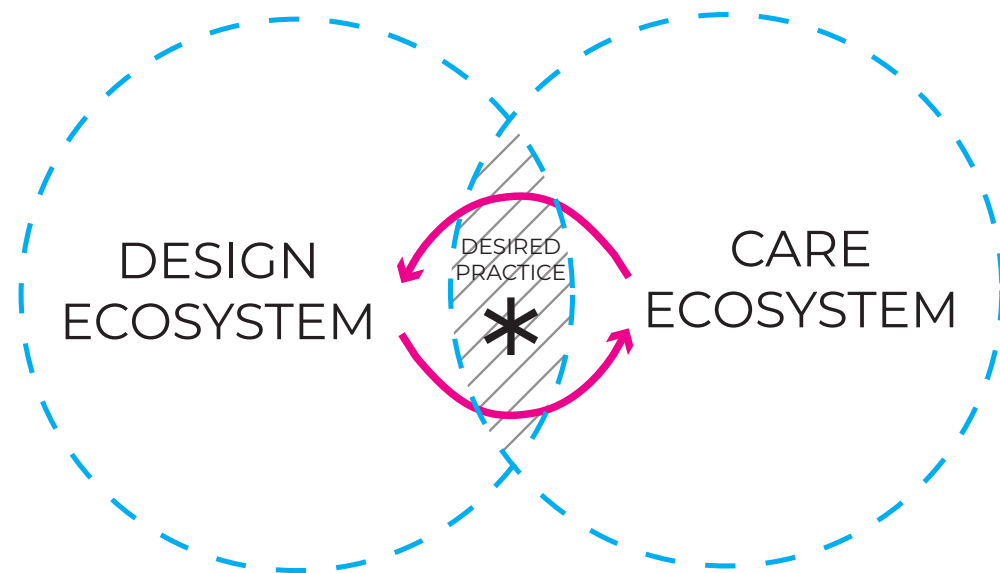
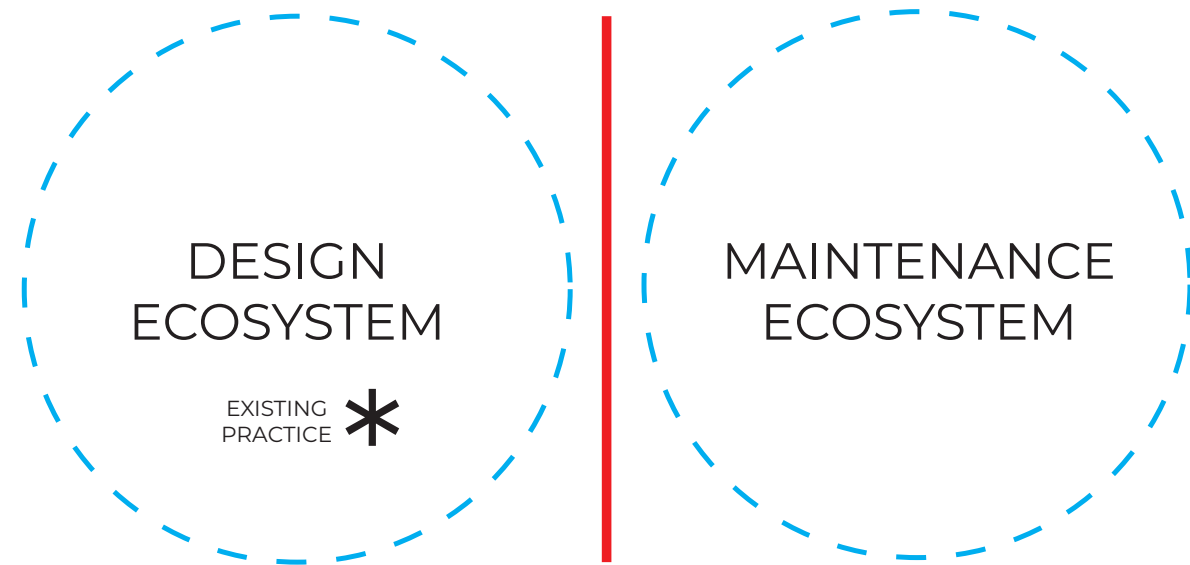
Tim

'STAFF'



Heather

Care Archetypes and Personas



Design of the Built Environment

The Profession

The Practice

Impact to Practice and Contribution to New Knowledge