



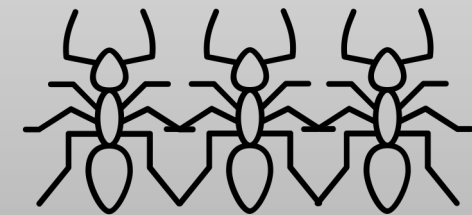
PALOMAZUL

BOUTIQUE SOLUTIONS FIRM

ANTRAF

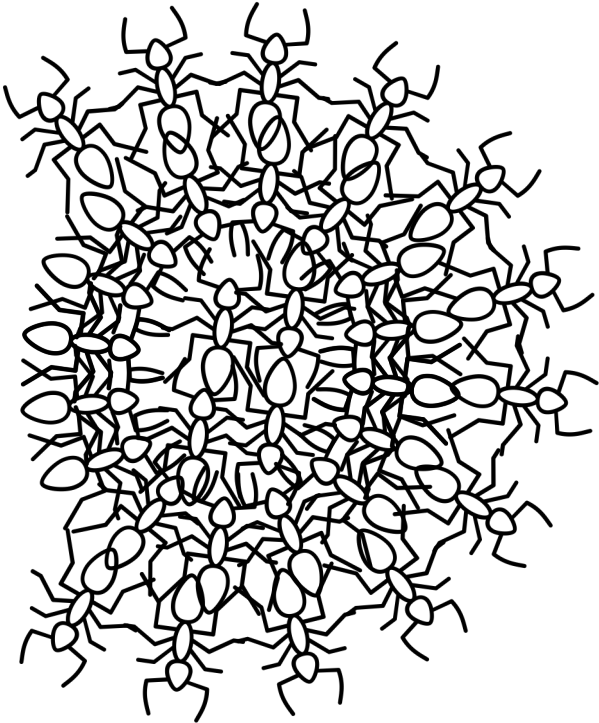
DEVELOPMENT OF THE
BLUE ECONOMY AS A
SOCIAL IMPACT PROJECT

RESILIENCY &
ECONOMIC DEVELOPMENT



ANRAFT:

FIRE ANTS SELF-ASSEMBLE INTO WATERPROOF RAFTS TO SURVIVE FLOODS



“Ants can considerably enhance their water repellency and avoid drowning by linking their bodies together, a process analogous to the weaving of a waterproof fabric. Central to the construction process is the trapping of ants at the raft edge by their neighbors, suggesting some sort of “cooperative” behavior.

Self-assembly and self-healing are hallmarks of living organisms. The ant raft demonstrates both these abilities, providing another example that an ant colony behaves like a superorganism. In addition, large numbers of organisms can behave similarly to a fluid. Understanding ant rafts also requires an additional consideration—namely, that they are water repellent *en masse*. aversion or repellency to water or rain is an adaptative effect of their cooperative behavior.”

Nathan J. Mlot, Craig A. Tovey, and David L. Hu

PNAS May 10, 2011 108 (19) 7669-

7673; <https://doi.org/10.1073/pnas.1016658108>

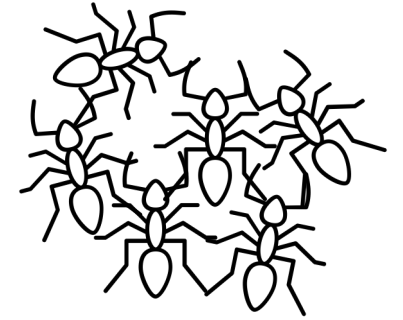
Edited by Charles S. Peskin, New York University, New York, NY, and approved

March 31, 2011 (received for review November 8, 2010)

BLUE ECONOMY INTERDEPENDENCIES

ANTRAF

A SOCIAL IMPACT PROJECT



PEOPLE

← PROCESS →

PLACE

PORTFOLIO

PERFORMANCE

1

Identify and build the early-stage cross-sector partnership network (P3) and de-centralized of governance and control with a common objective

2

Develop an International Standard for Blue Infrastructure maintenance, monitoring, and restoration

3

Develop a certification and accreditation program

4

Integrate an Economic Valuation of Natural Assets Model (Blue Economy specific)

5

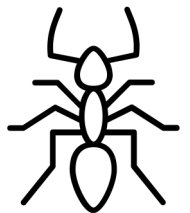
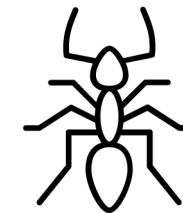
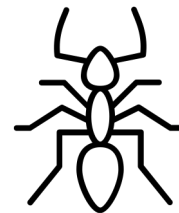
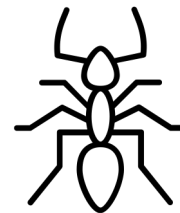
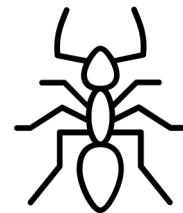
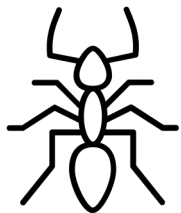
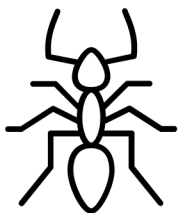
Key equipment, infrastructure, Curriculum development and training

6

Create an unconventional partnership funding platform to advance Portfolio Diversification

7

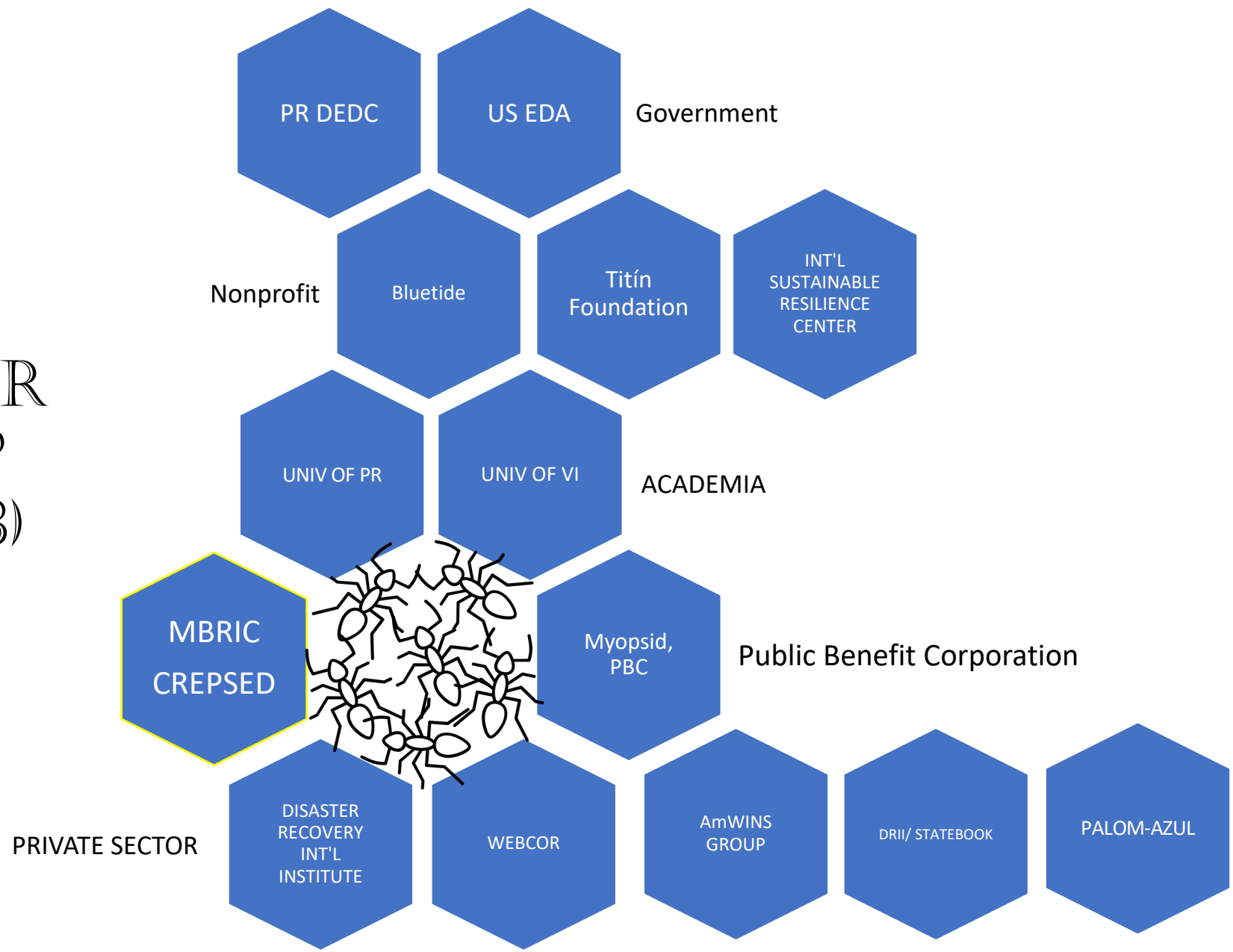
Measure and Validate results



A 3D rendering of a dark gray puzzle with one red piece in the center. The text is overlaid on the red piece.

IDENTIFY AND BUILD THE EARLY-STAGE
CROSS-SECTOR PARTNERSHIP NETWORK (P3)
AND DE-CENTRALIZATION OF GOVERNANCE
AND CONTROL

EARLY-STAGE CROSS-SECTOR PARTNERSHIP NETWORK (P3)



P
R
O
C
E
S
S

DEVELOP AN INTERNATIONAL STANDARD FOR
BLUE INFRASTRUCTURE MAINTENANCE,
MONITORING, AND RESTORATION

DEVELOP A CERTIFICATION AND ACCREDITATION
PROGRAM

INTEGRATE AN ECONOMIC VALUATION
OF NATURAL ASSETS MODEL
(BLUE ECONOMY SPECIFIC)

2

3

4

PROCESS

STANDARDS

BLUETIDE (BLUE-I)

E-RSF CONTRACT SUPPORT

CERTIFICATION & ACCREDITATION

MYOPSID

BLUETIDE

UVI

DRII

VALUATION NATURAL ASSETS

BLUETIDE (BLUE-I)
TETRA-TECH

AMWINS GROUP

E-RSF CONTRACT SUPPORT

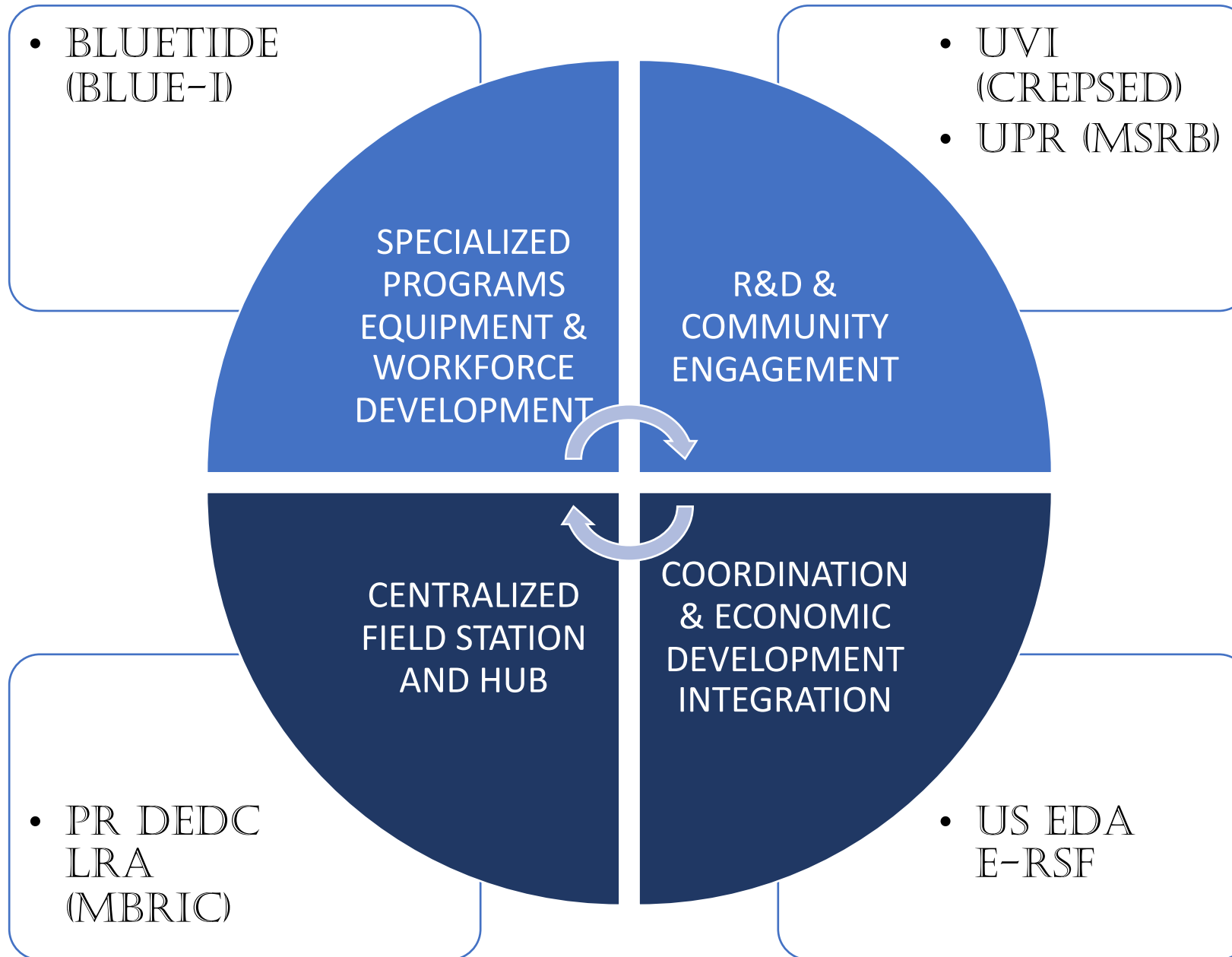
2

3

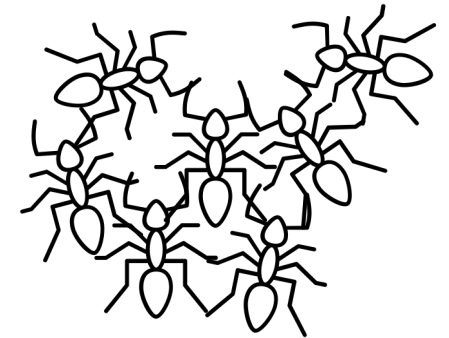
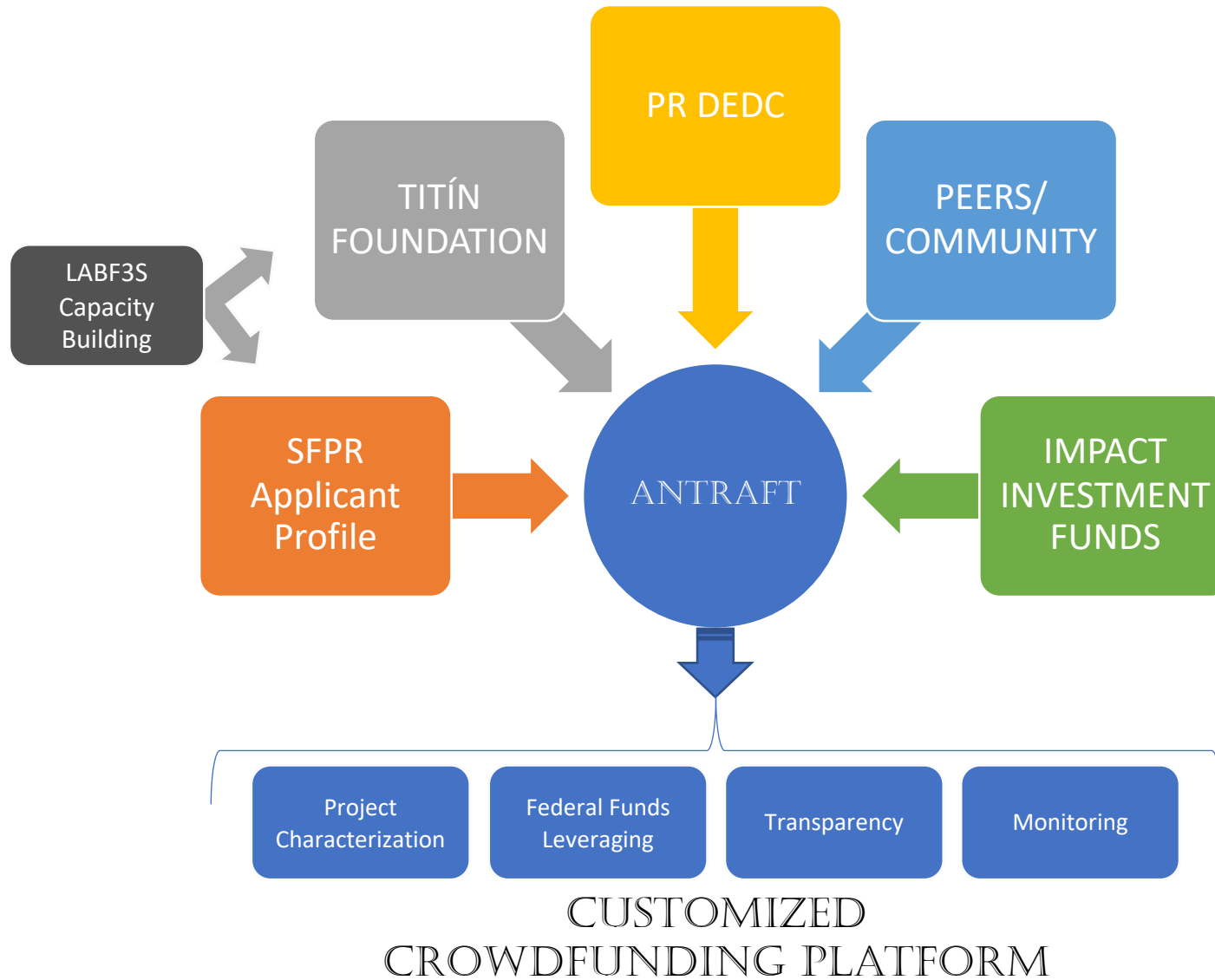
4



KEY INFRASTRUCTURE



UNCONVENTIONAL PARTNERSHIP FUNDING PLATFORM

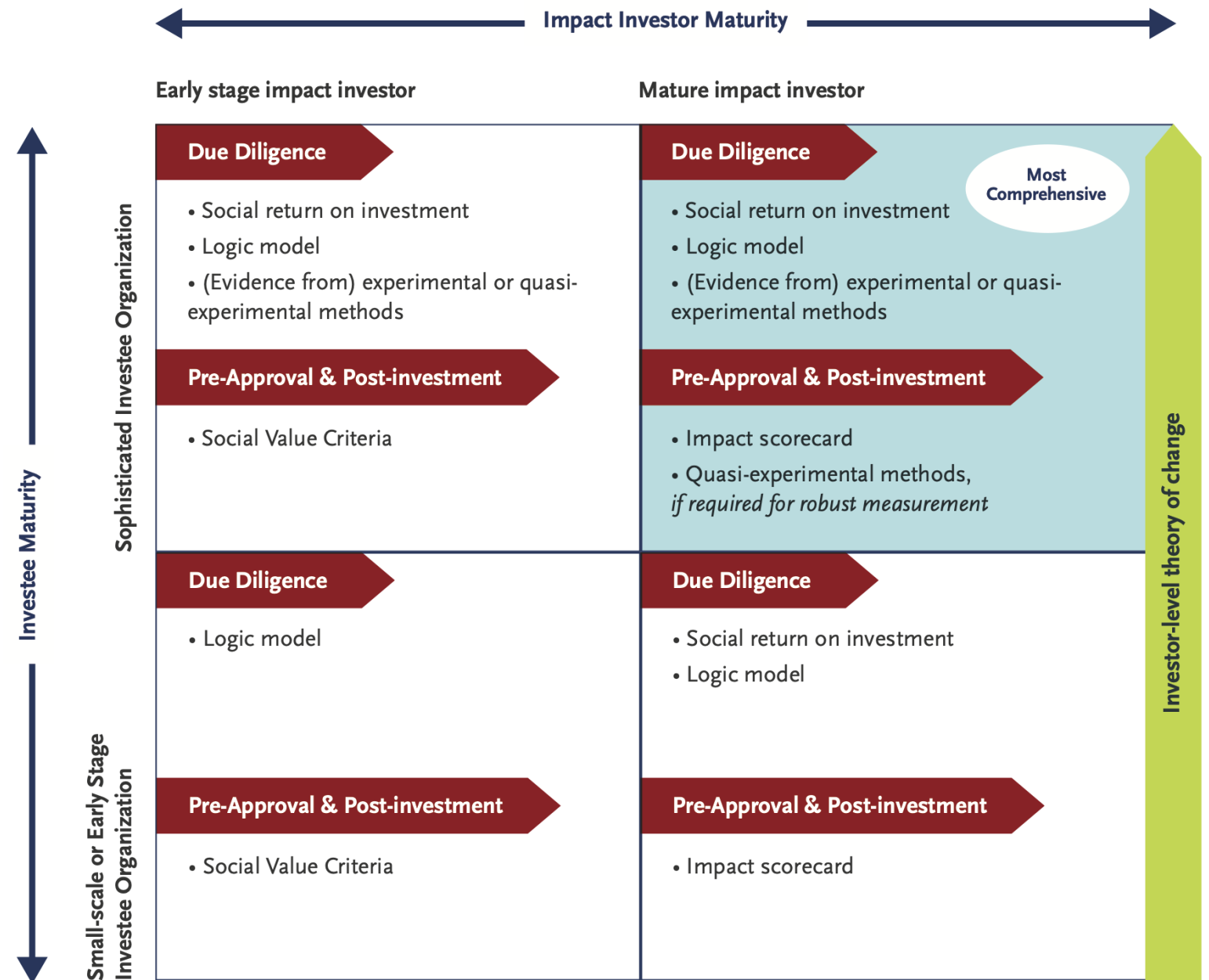


MEASURE AND VALIDATE RESULTS

Measuring the “**impact**” in impact investing

Ivy So & Alina Staskevicius MBA
2015 Harvard Business School

Faculty Supervisor: Alnoor Ebrahim



Note: Investee maturity should be determined by the impact investor based on the investee's size, reach, budget, or years in existence

ANTRAFT.ORG

BY PALOMAZUL