



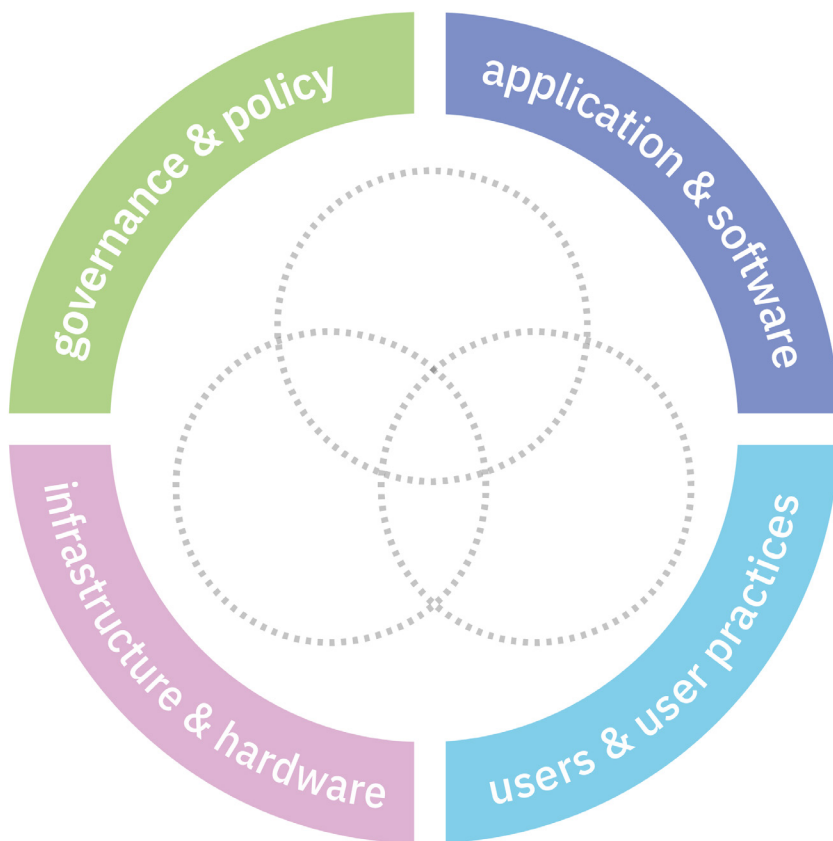
Transition Templates Pathway to Net Zero+

AI & Digital v.1

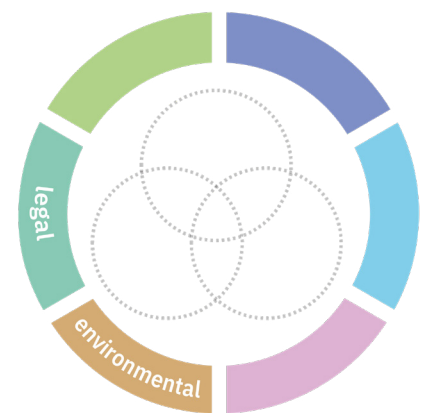
Transition Templates

Four-Step Process

1. Framing the System
2. Envisioning Futures
3. Opportunities & Strategies
4. Adoption & Implementation



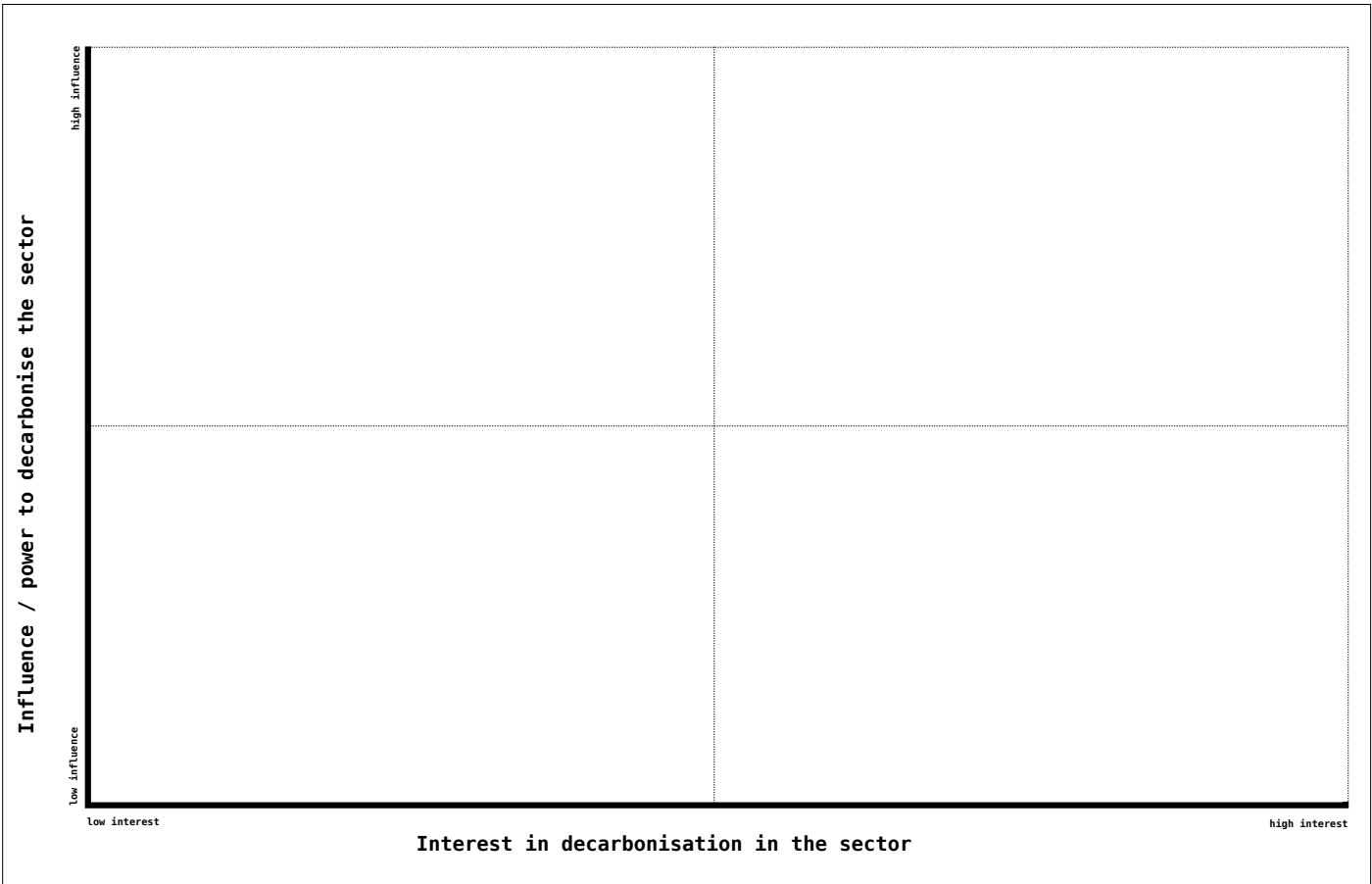
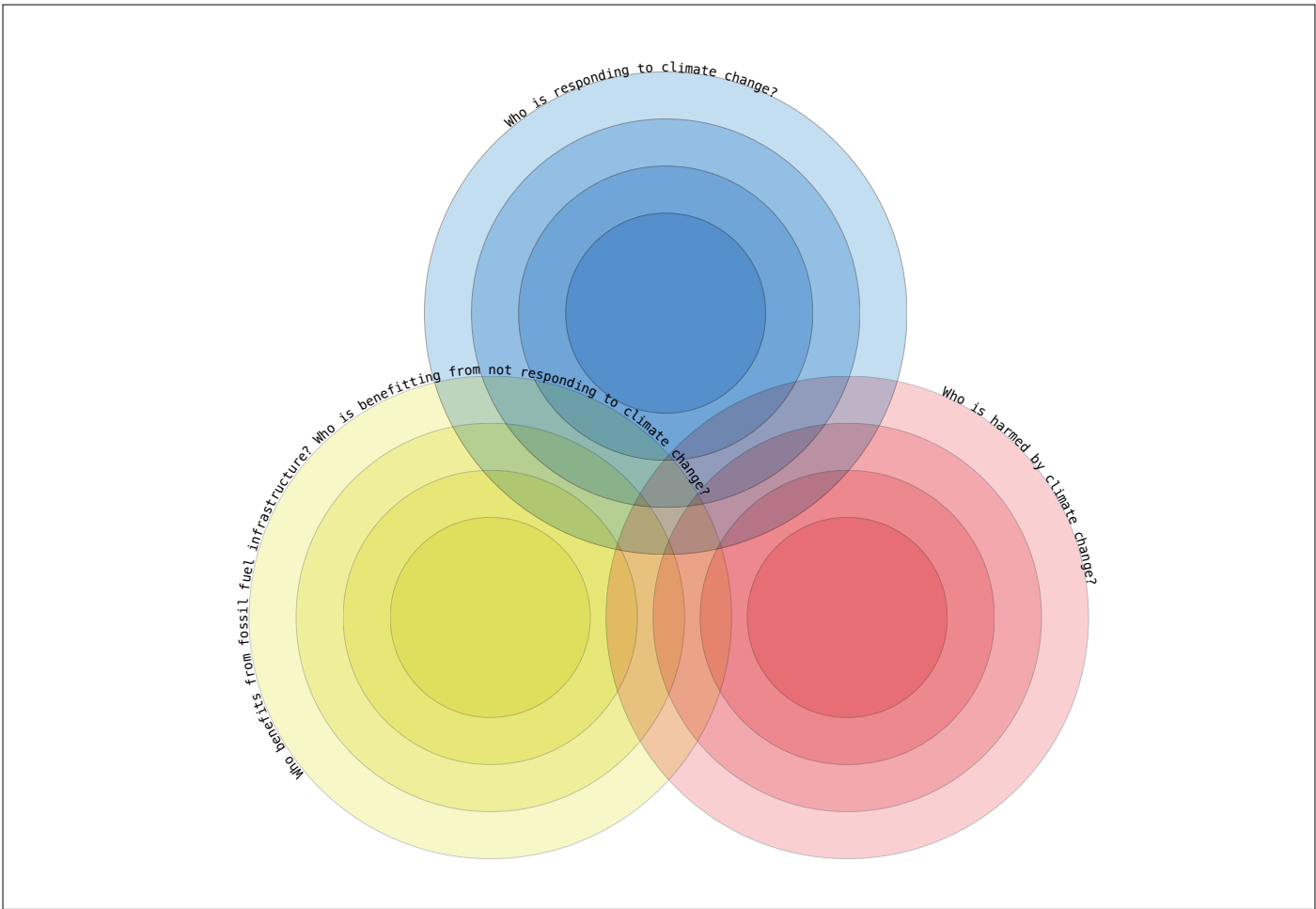
**AI & Digital
Ecosystem Framework**
TT-EF (PEST)



**AI & Digital
Ecosystem Framework**
TT-EF (PESTEL)

Step 1. Framing the System

1. AI & Digital: Ecosystem Framework (TT-EF) PEST and PESTEL
2. Network of Actors: Benefit & Harm (NoA: B&H)
3. Influence & Interest Analysis (TT-NoA-I&I)



Transition Templates Four Futures Framework	Now		Net Zero	
	EXTRACT	SUSTAIN	RESTORE	REGENERATE
Governance & Policy				
Applications & Software				
Users & User Practices				
Infrastructure & Technology				

Step 2. Envisioning Futures













AI & Digital: Four Futures Framework (TT-FFF)

Step 3. Opportunity & Strategy (next page)

AI & Digital: Leverage Point Framework (TT-LP)

3

Leverage Point Framework (TT-LP)

Transition Templates		Governance & policy	Markets & Finance	Users & User Practices	Infrastructure & Hardware
Paradigm	Level 1 Transcending Paradigms  Holistic Ecosystem Perspective				
	Level 2 Paradigms  Regenerative Perspective				
	Level 3 Goals  Net Zero+ Carbon Neutrality				
Structure	Level 4 Self-organization  Power to evolve				
	Level 5 Rules  Regulation				
	Level 6 Information Flows  Feedback & accountability				
Feedback	Level 7 Balancing Feedback Loops  Pricing Externalities				
	Level 8 Reinforcing Feedback Loops  Incentives				
	Level 9 Structural Elements  Infrastructure Overhaul				
Parameters	Level 10 Buffers  Structure of stocks				
	Level 11 Delays  Buffers & stabilising stocks				
	Level 12 Parameters  Numbers				

Action Planning (TT-ACT)

Transition Templates		Current	Short-term 1 Year	Mid-term 5 Year	Long-term 25 Years
Governance & Policy	Lever 1 / Paradigm				
	Lever 2 / Structure				
	Lever 3 / Feedback				
	Lever 4 / Parameter				
Markets & Finance	Lever 1 / Paradigm				
	Lever 2 / Structure				
	Lever 3 / Feedback				
	Lever 4 / Parameter				
Infrastructure & Hardware	Lever 1 / Paradigm				
	Lever 2 / Structure				
	Lever 3 / Feedback				
	Lever 4 / Parameter				
Users and User Practices	Lever 1 / Paradigm				
	Lever 2 / Structure				
	Lever 3 / Feedback				
	Lever 4 / Parameter				



Step 4. Implementation (previous)

AI & Digital: Action Planning template (TT-ACT)

TTPNZ+

**AI & Digital Templates v.1 (A4),
J.Boehnert (2026).**

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