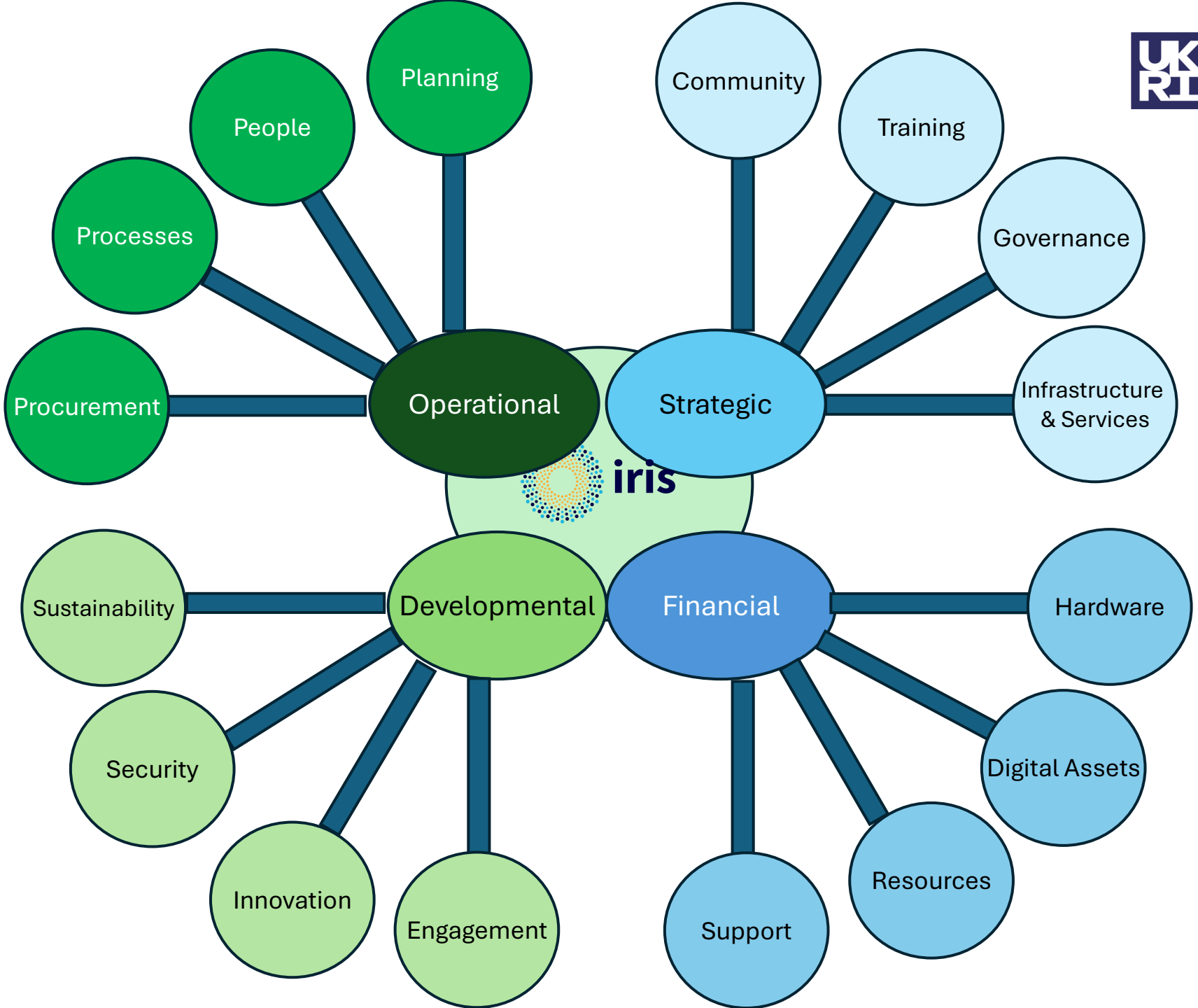
IRIS Current and Target Status

Anjali Bhatt
IRIS Project Manager
2nd December 2024
IRIS Collaboration Meeting, Manchester

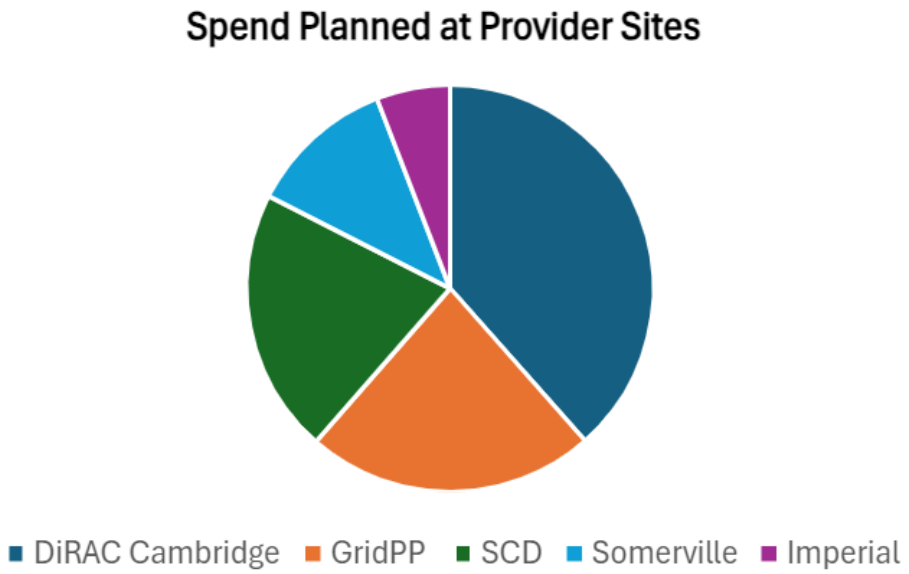
Current Status


iris
Science and Technology Facilities Council
Planning
People
Processes
Procurement
Operational
Community
Training
Governance
Infrastructure & Services
Strategic
iris
Sustainability
Security
Innovation
Engagement
Developmental
Financial
Hardware
Digital Assets
Resources
Support

Financial Update

Budget Breakdown	
IRIS core funding	£2,392,000
DRI phase 2 funding	£1,000,000
DRI phase 2 additional funding	~£200,000

Hardware Spend Planned at Provider Sites			
Provider	**Phase 1**	**Phase 2**	**Total Spend Planned**
DiRAC Cambridge	£64,389	£1,240,300	£1,304,689
GridPP	£64,584	£715,100	£779,684
SCD	N.A.	£714,800	£714,800
Somerville	£395,025	N.A.	£395,025
Imperial	£198,676	N.A.	£198,676



No Digital Assets Funded this year.

IRIS Core team = ~3.5 FTE

IRIS Support = IRIS IAM, Accounting etc.

Operational Update

People

1. RSAP Chair Appointment
2. Technical Review Panel Members Call
3. Expanding Core Team Responsibilities

Processes

1. Change Management
2. Improved Coordination with Partners
3. Standardized Reporting

Procurement

1. Phase 1 – Procurements Launched
2. Phase 2 – Most Grants Approved

Planning

1. Financial Forecasting
2. Capacity Planning
3. Risk Planning

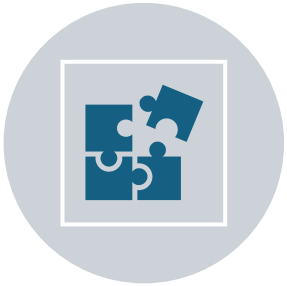
Developmental Update

Sustainability

1. Coordination with SCD, STFC and UKRI Teams

Security

1. Cybersecurity Training
2. Improving Data Security Standards



Innovation

1. Funding and Support for Experimental Projects
2. Benchmarking Projects

Engagement

1. Promoting IRIS at Key Events
2. More TWG Engagement

Strategic Update

Community

1. Communication Plan
2. Technical Review Panel

Training

1. Training Requirements Survey

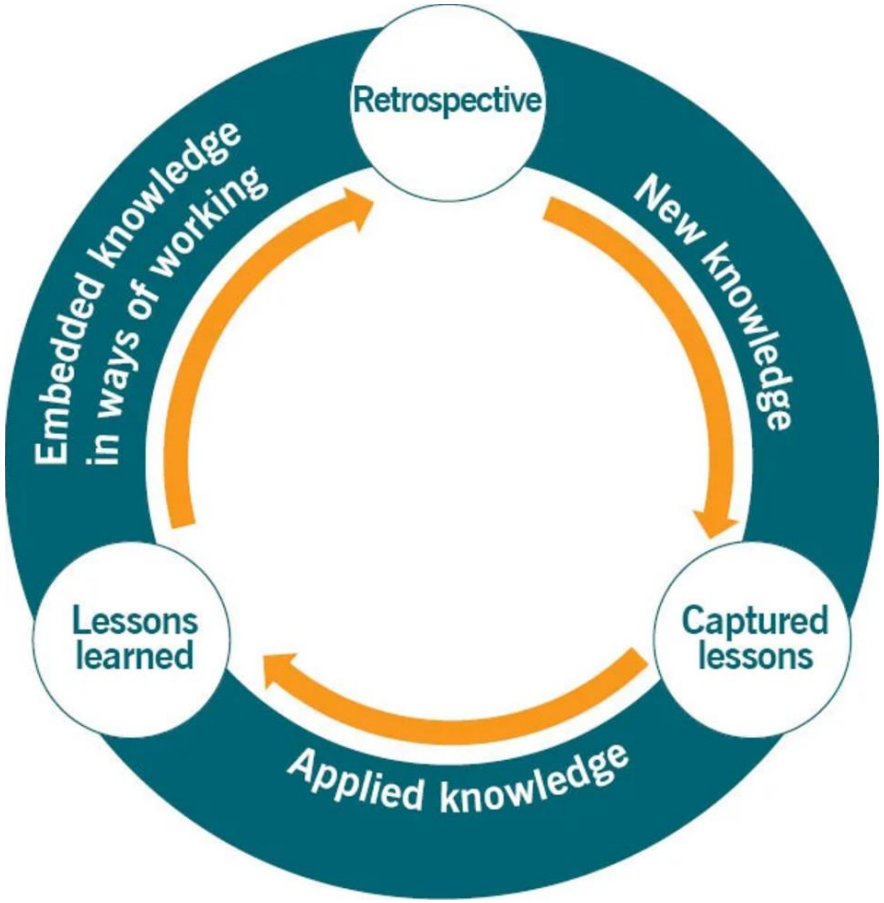
Governance

1. Defining IRIS Partners
2. Updating Policies
3. Planning Funding Sustainability

Infrastructure & Services

1. Federation
2. Testbeds
3. Service Desk

Changes and Risks Managed



- Grants System Change to TFS
- Bi-annual Collaboration Meeting

- Funding Uncertainty
- Planning Spending
- Resources Overview
- Rising Costs of All Resources

Target Status

IRIS:
Vision and Mission

Vision

IRIS vision is to create a nationally connected digital research infrastructure system in the UK that gives the national and international IRIS community members the opportunity to perform excellent scientific research that benefits the humanity today and tomorrow.

Mission

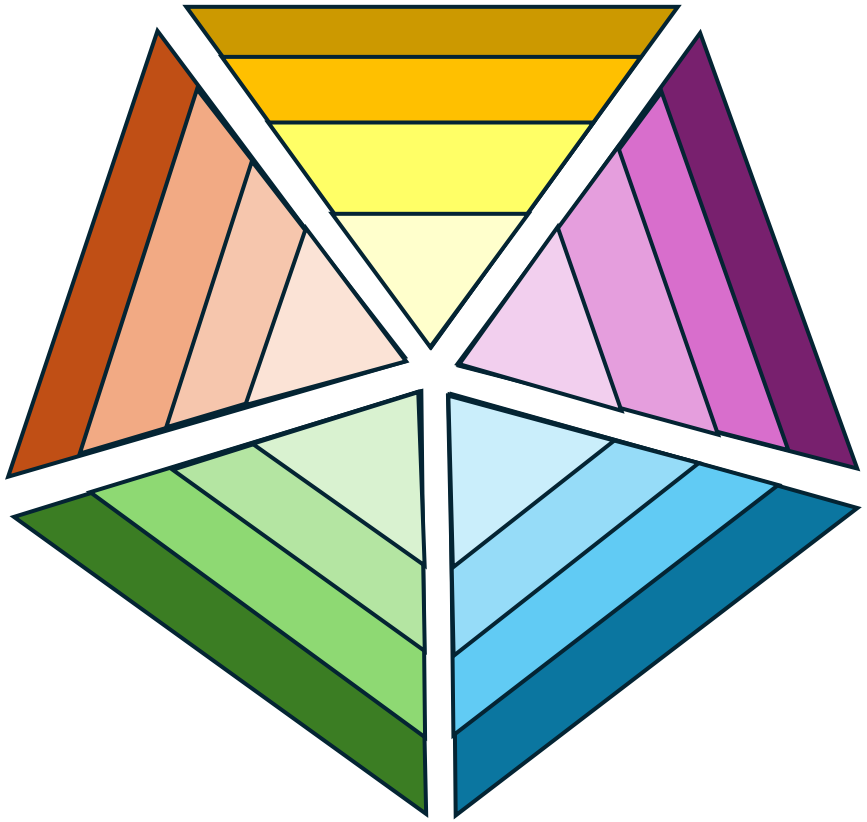
IRIS mission is to provide innovative, sustainable, and secure infrastructure, services, and skills for its community members in an accessible and flexible fashion with the help of the right governance structure.

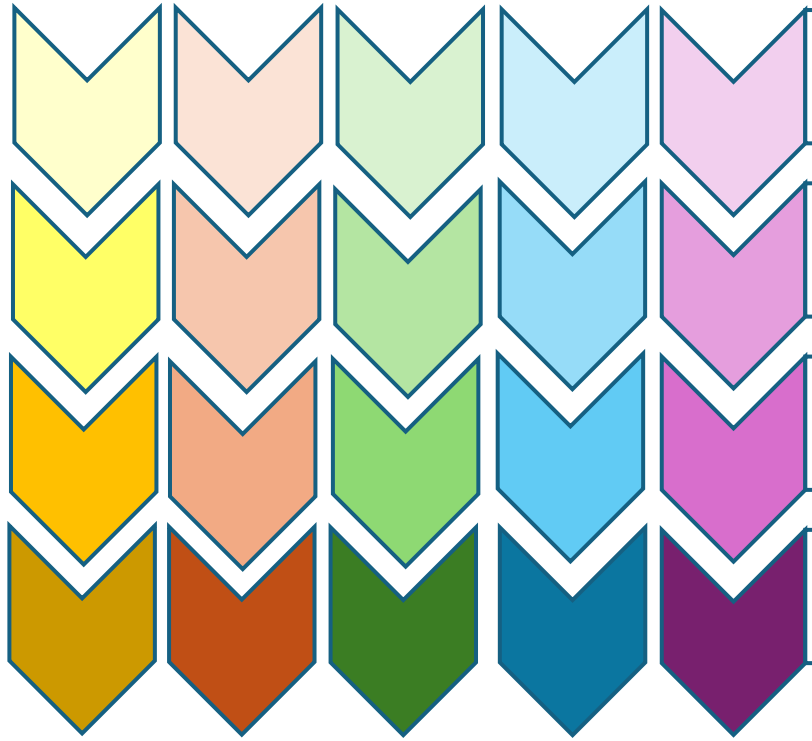
IRIS Strategic Objectives: Heat Map

Themes	Domains				
	Community & Communications	Skills & Training	Services & Operations	Policy & Governance	Resources / Hardware
Accessibility	20	5	12	20	10
Sustainability	6	3	15	9	16
Security	16	12	25	10	3
Innovation	10	4	8	2	6
Flexibility	2	3	5	1	4
	Representation	Education	Policy Making	Empowerment	Monitoring
EDI	15	10	25	5	20

Target Operating Model: Key

Accessibility | Innovation | Flexibility | Security | Sustainability

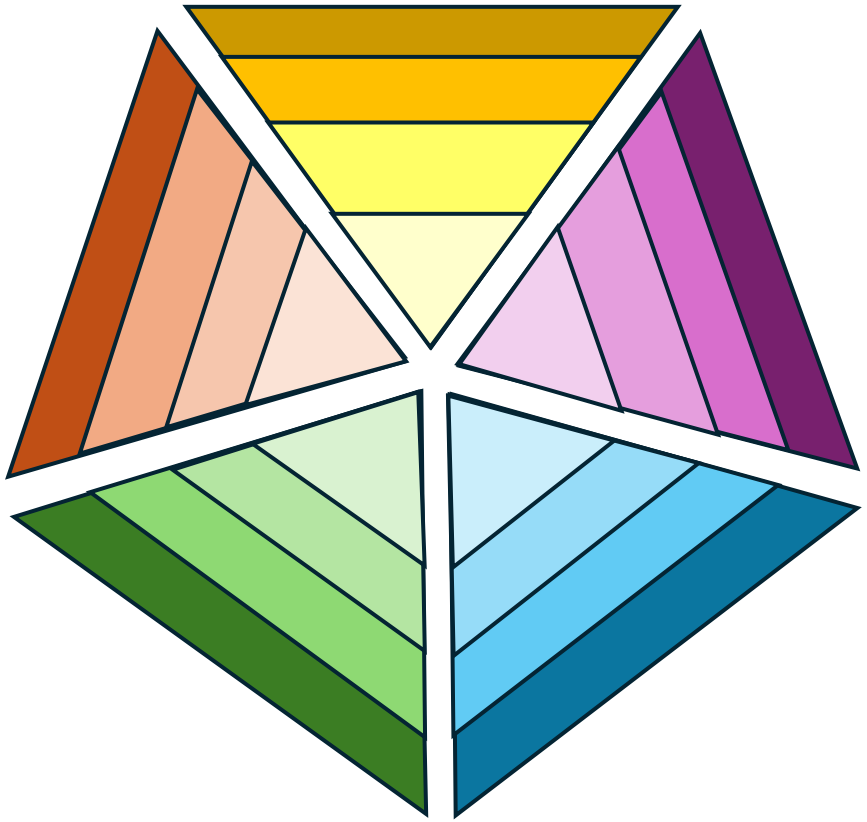


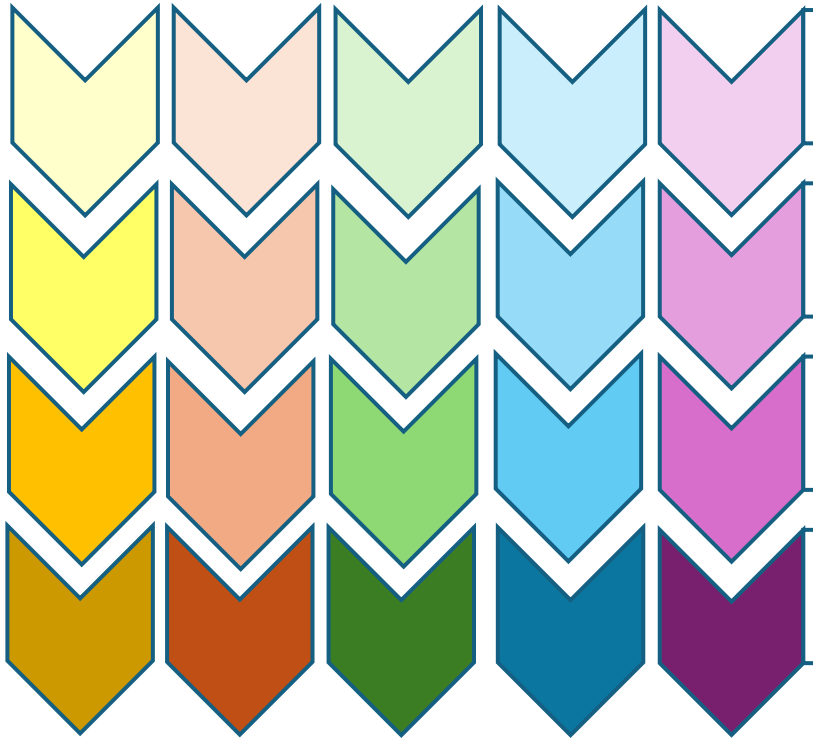


- Work ongoing at Operational Level
- Work ongoing at Developmental Level
- Work ongoing at Strategic Level
- Strategic Objective Achieved

Target Operating Model: Key

Connectivity | Training | Services | Governance | Infrastructure





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Target Operating Model

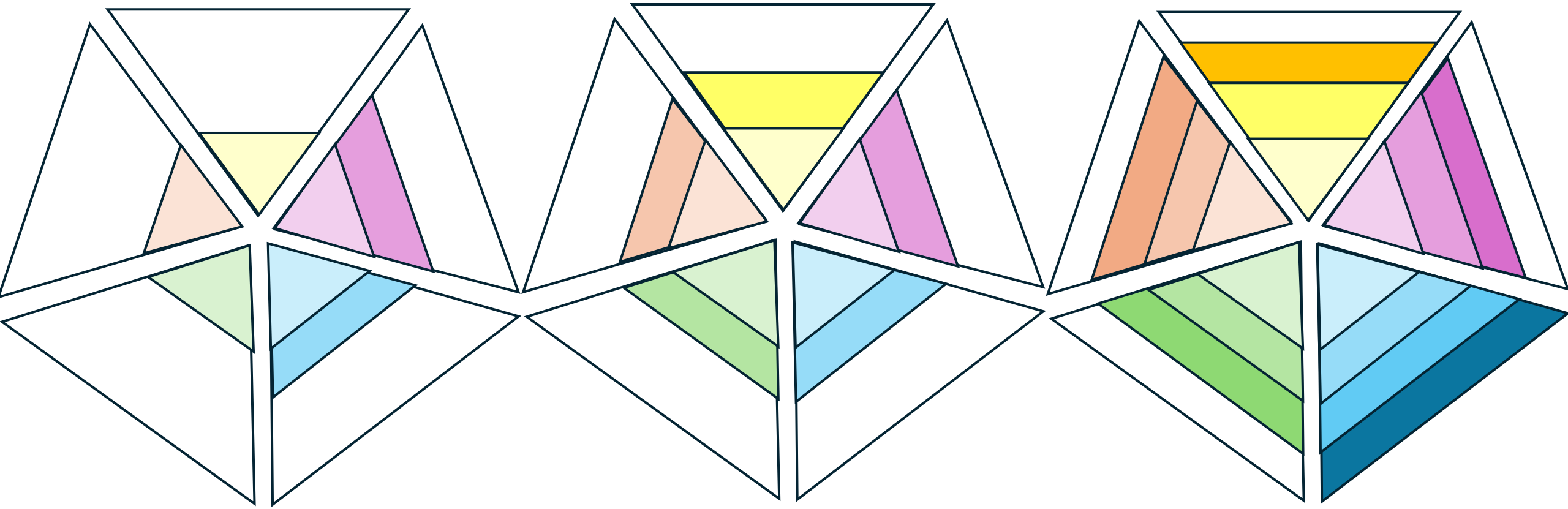
Accessibility

Innovation

Flexibility

Security

Sustainability

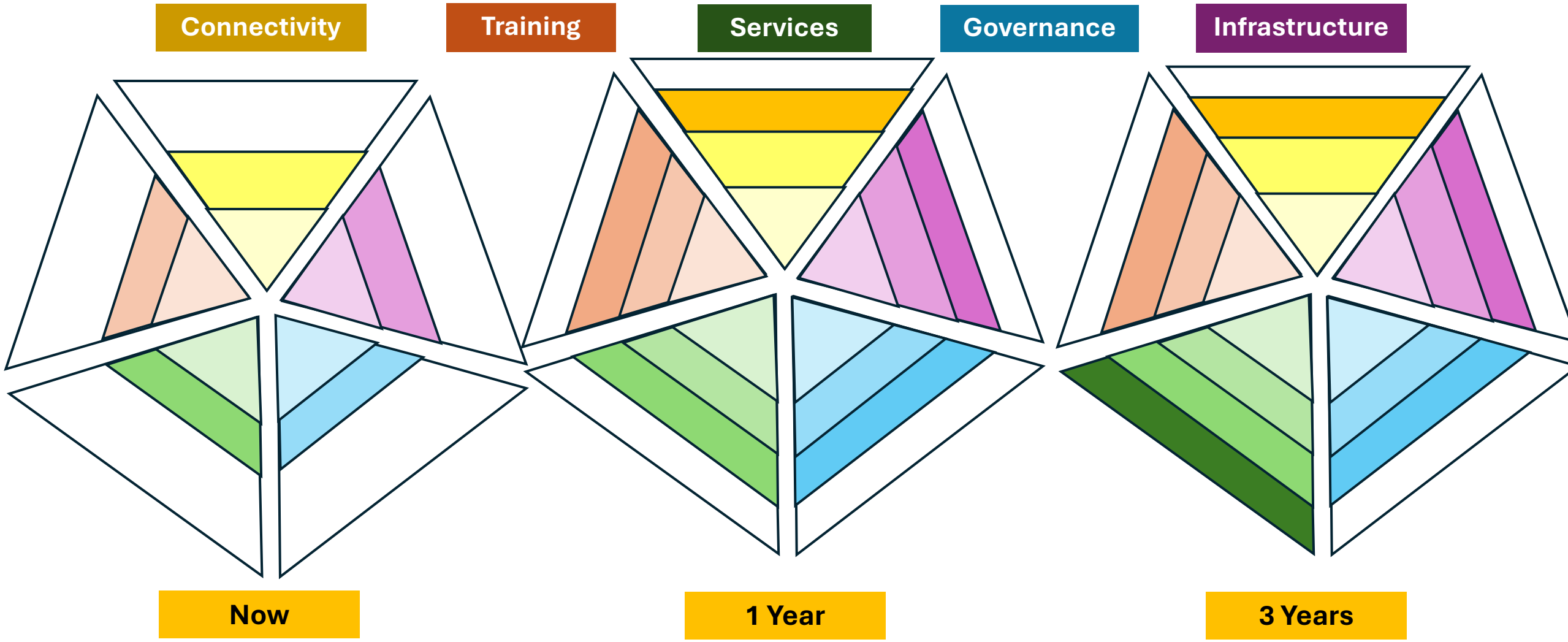


Now

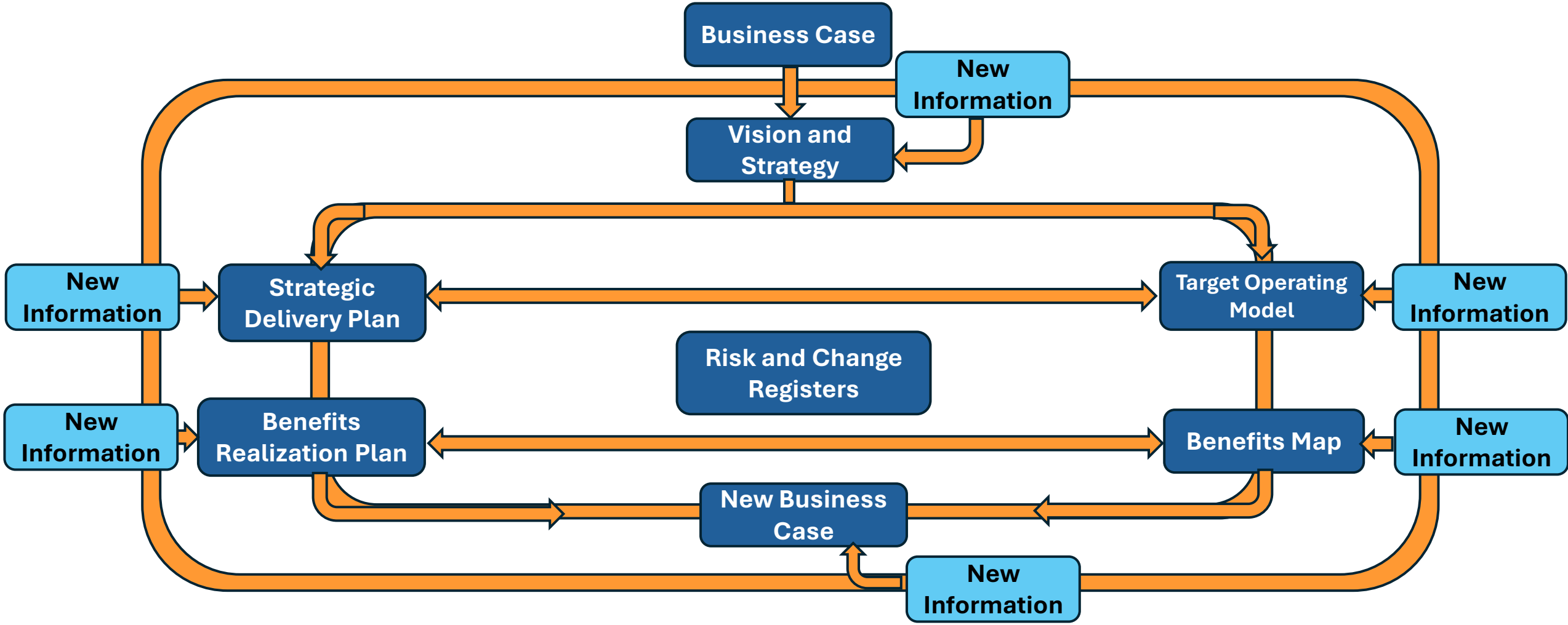
1 Year

3 Years

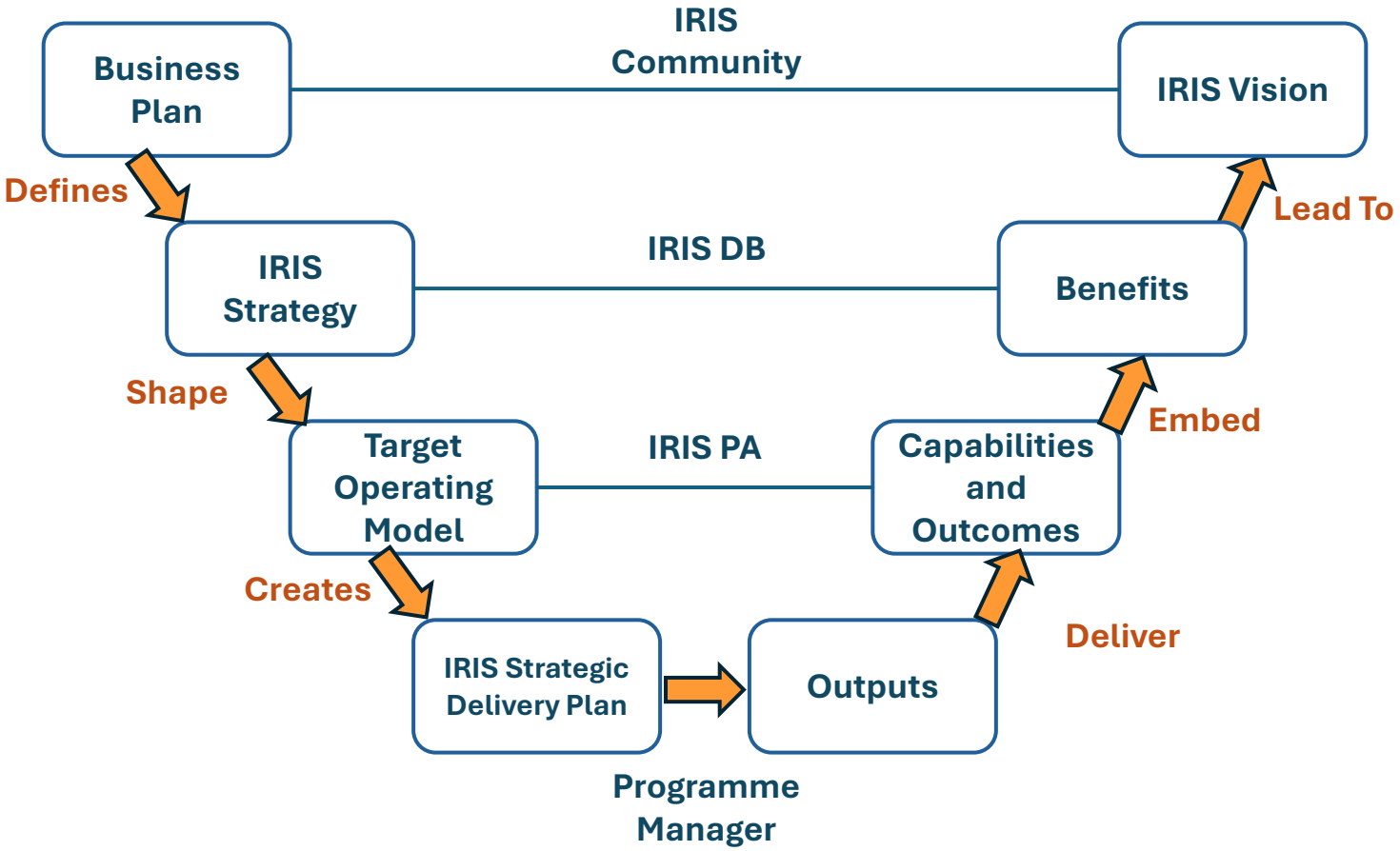
Target Operating Model



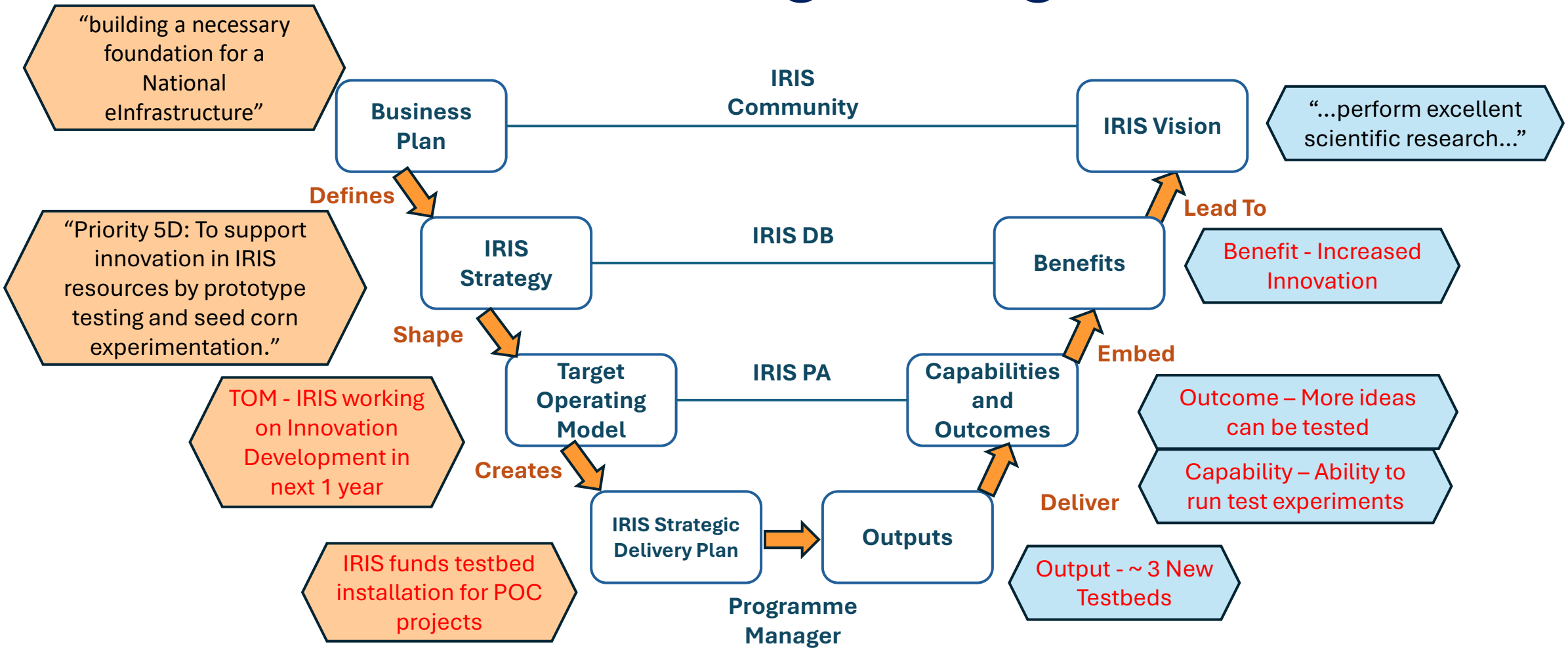
Delivering Change



Delivering Change



Delivering Change



Environment

SWOT

Strengths

1. Community-Focused Resources
2. Technical Knowledge Sharing
3. Standard Annual Processes

Weaknesses

1. Limited Experience in Some Areas
2. Insufficient Team Resources
3. Limited Scalability and Federation

Opportunities

1. Innovation Through Existing Approaches
2. Better Utilization of Data
3. More Visibility and Support

Threats

1. Funding Uncertainty
2. Changing Cybersecurity Landscape
3. Power and Sustainability Challenges

Thank You!

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