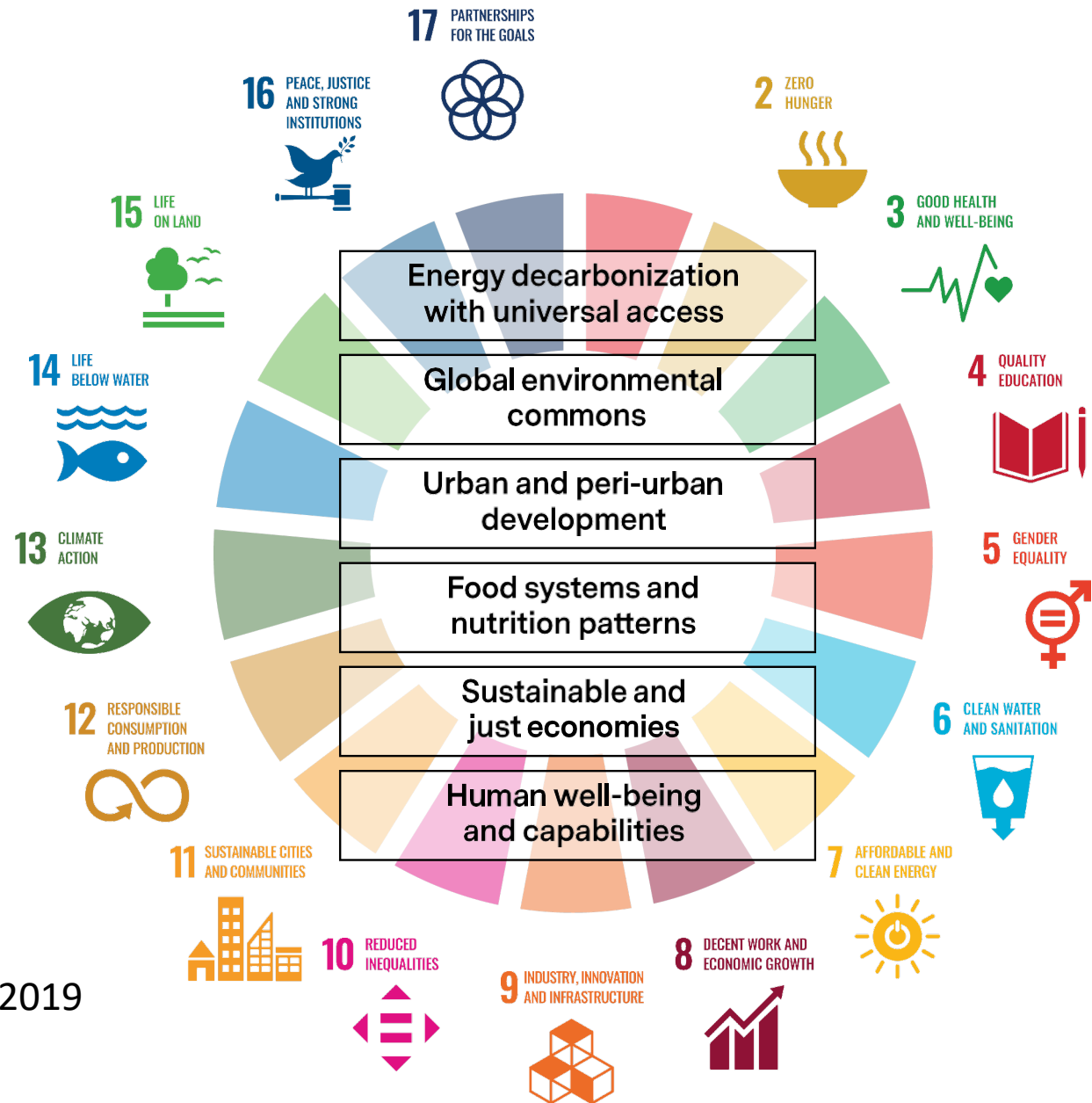


Affordable ubiquitous access through heterogeneous networks



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Six Cross Cutting Factors affecting all Sustainable Development Goals (SDGs)



6G: A NEW PERSPECTIVE OF GROWTH



Development of technical framework to support UN SDGs

Societal ambitions based on UN SDGs

6G Vision Elements

Intelligence Everywhere

Data Everywhere

Sensing Everywhere

Actuating Everywhere

Processing Everywhere

Connectivity Everywhere

Deployment Scale

DEPLOYMENT CATEGORY-2

NEW OPPORTUNITY FOR EMERGING ECONOMIES

- Research driven Innovative Solutions -~~STARNADRDS DRIVEN RESEARCH~~
- Initially Non-Standard, later graduate to National Standard
 - ✓ INNOVATION DRIVEN STANADRDS
- Continuous Process of Research-Deployable PoC-Pilots
- Take some of them for Global standardization

Defence Tactical,
Industry 5.0
Surveillance
Personalized Disaster Recovery

END USER
CAT-2

E: Hyperlocal specialization

Local Area
Rural Critical Care Health Centre, School

INFRASTRUCTURE
CAT-1

D: Local specialization

Confined Wide Area
Smart Village, Campus, City

C: Wide Area

Telecom Circle

B: Regional

India, Europe

A: Global

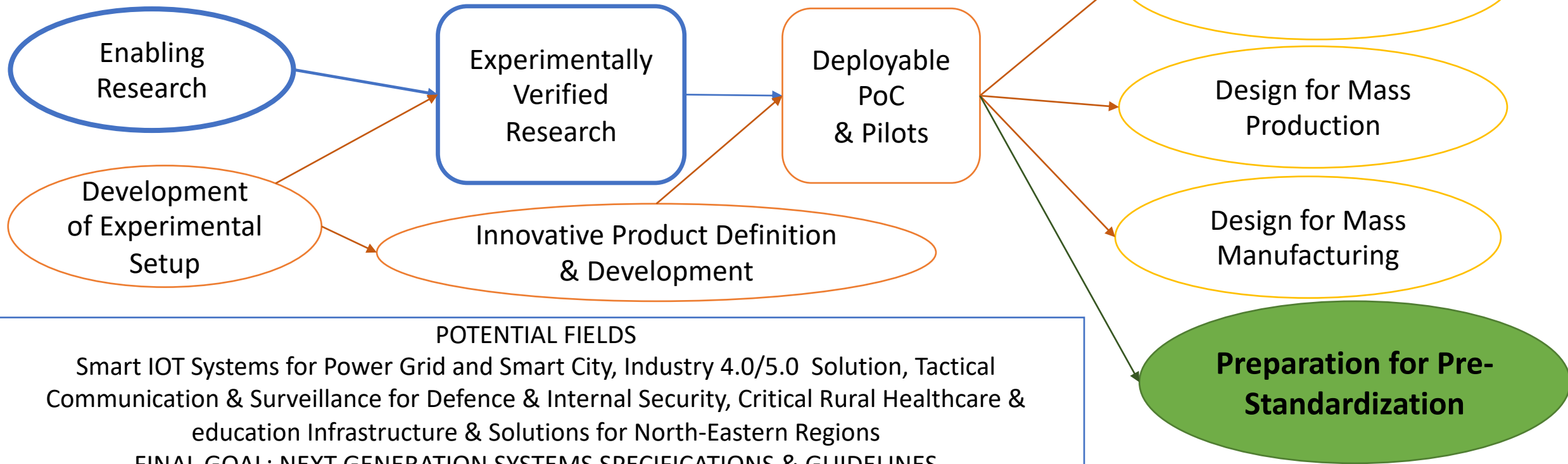
DEPLOYMENT CATEGORY-1

- Global Standards Solution
- Managed by MNO
- Strong System Aspects
- Interoperable, Roaming
- Economy of Scale

STANDARDIATION POSSIBILITY OF RESEARCH DRIVEN EMERGING TECHNOLOGY & INNOVATIVE SOLUTIONS

ACDEMIA (LEAD PARTNER) ALONG WITH COLLABORATIVE INDUSTRY, USER ORGHANIZATION, FUNDING AGENCY

Funding for Research Innovation, Standardization, and Mass Deployment Readiness



POTENTIAL FIELDS

Smart IOT Systems for Power Grid and Smart City, Industry 4.0/5.0 Solution, Tactical Communication & Surveillance for Defence & Internal Security, Critical Rural Healthcare & education Infrastructure & Solutions for North-Eastern Regions

FINAL GOAL: NEXT GENERATION SYSTEMS SPECIFICATIONS & GUIDELINES

Thanks

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