

# *Space and global health Projects and perspectives*

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Improving primary health care  
through eHealth

In Burkina Faso,  
1 in 10 children die  
before the age of 5.

leDA can help improve the situation.



# leDA project



270 healthcare facilities in Northern Burkina Faso  
1'250 health workers use it daily  
200'000 consultations per year



Design interventions



Implement interventions



Aggregate actionable indicators



Feed the district health information system

# Health Services Steering



Design interventions



Implement interventions

Aggregate usage data



Benchmark different users

Aggregate actionable indicators



**Health Services Steering**

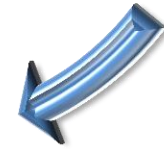
Feed the district health information system

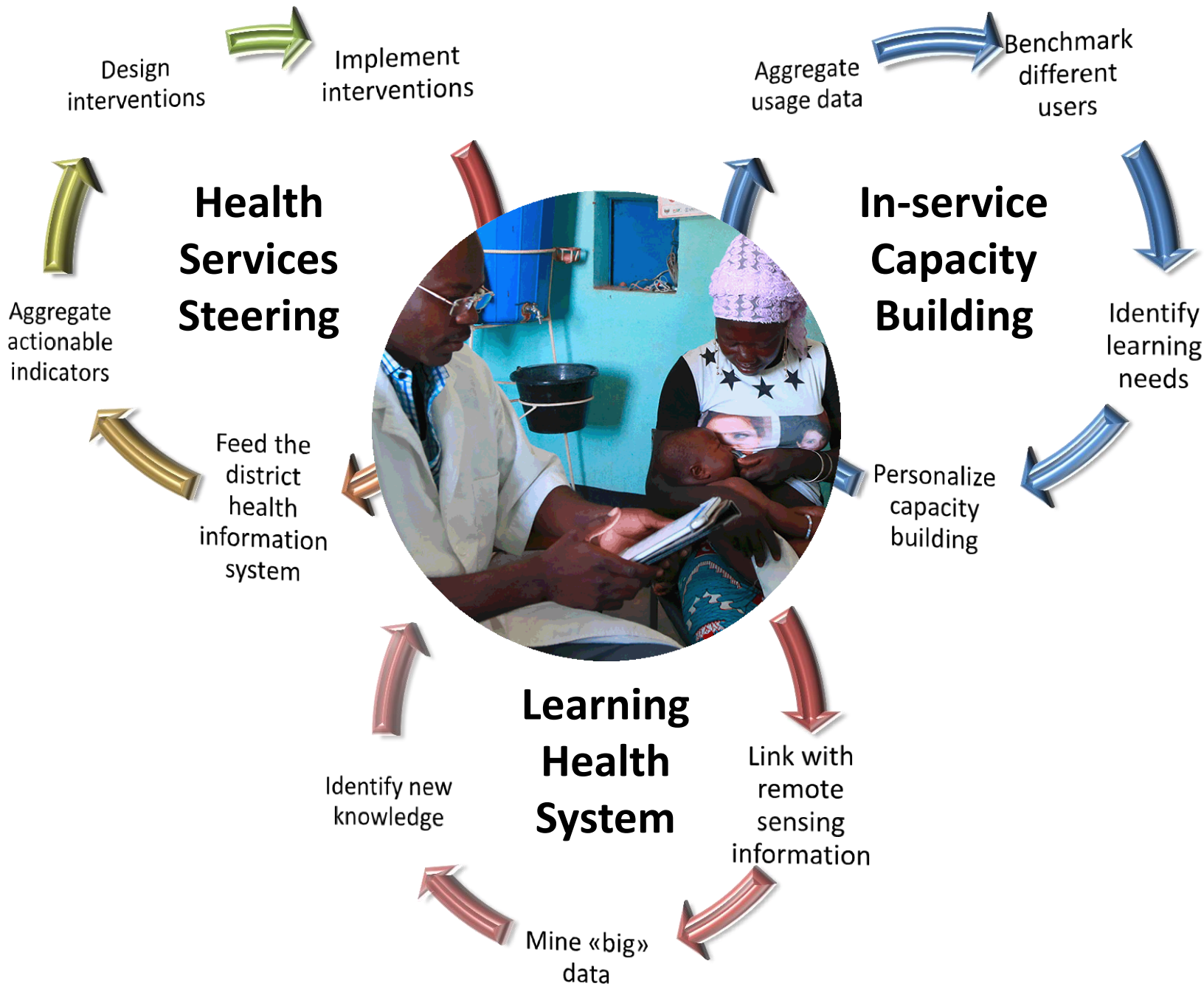


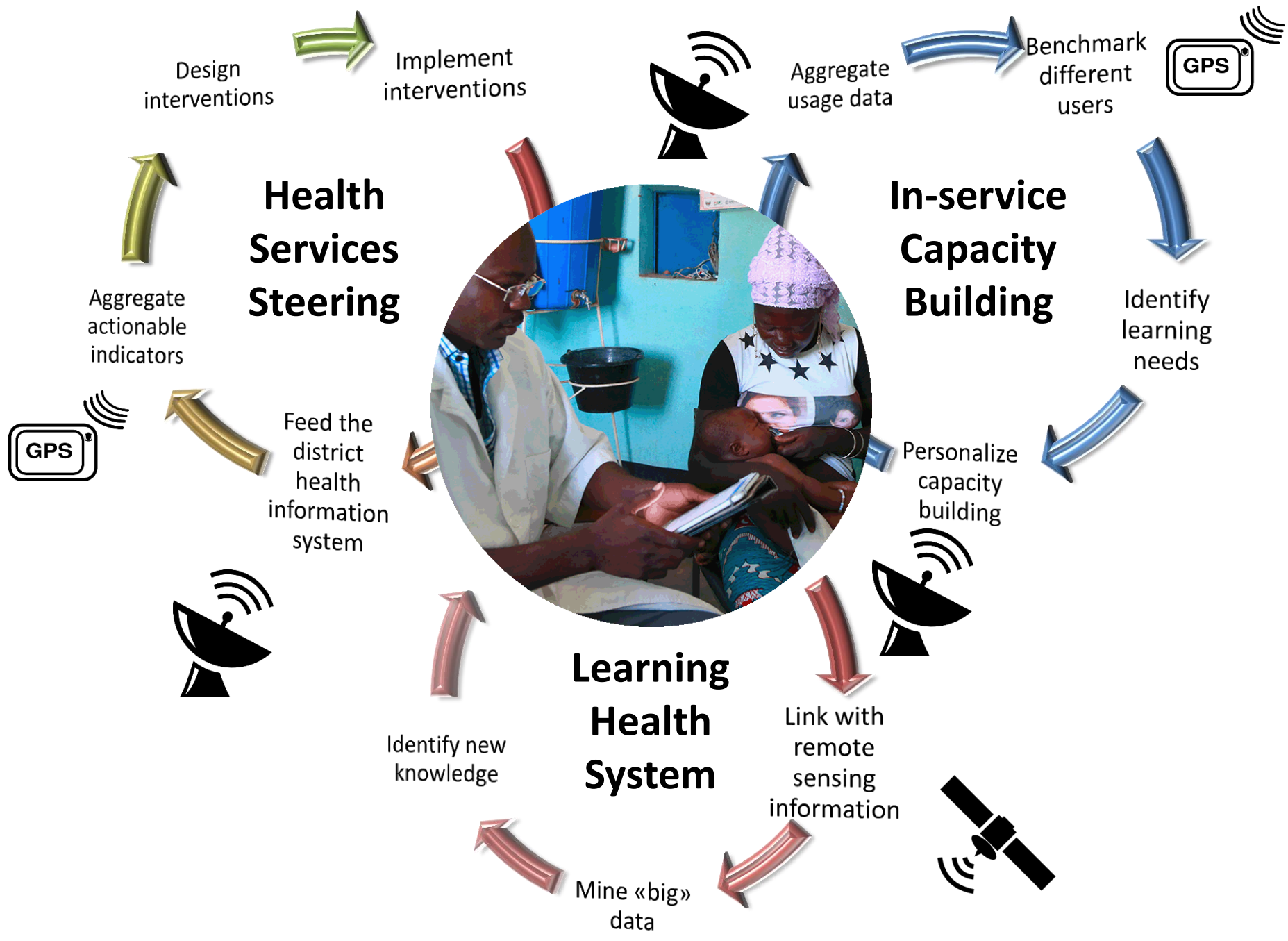
**In-service Capacity Building**

Personalize capacity building

Identify learning needs







# Health Services Steering

# In-service Capacity Building

# Learning Health System





# Space and Global Health



## Communication

Information sharing

Mobile device tracking



## Navigation services

Cartography

Activity monitoring

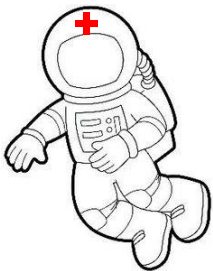


## Remote sensing

Environmental parameters

Sensors

Isolation management

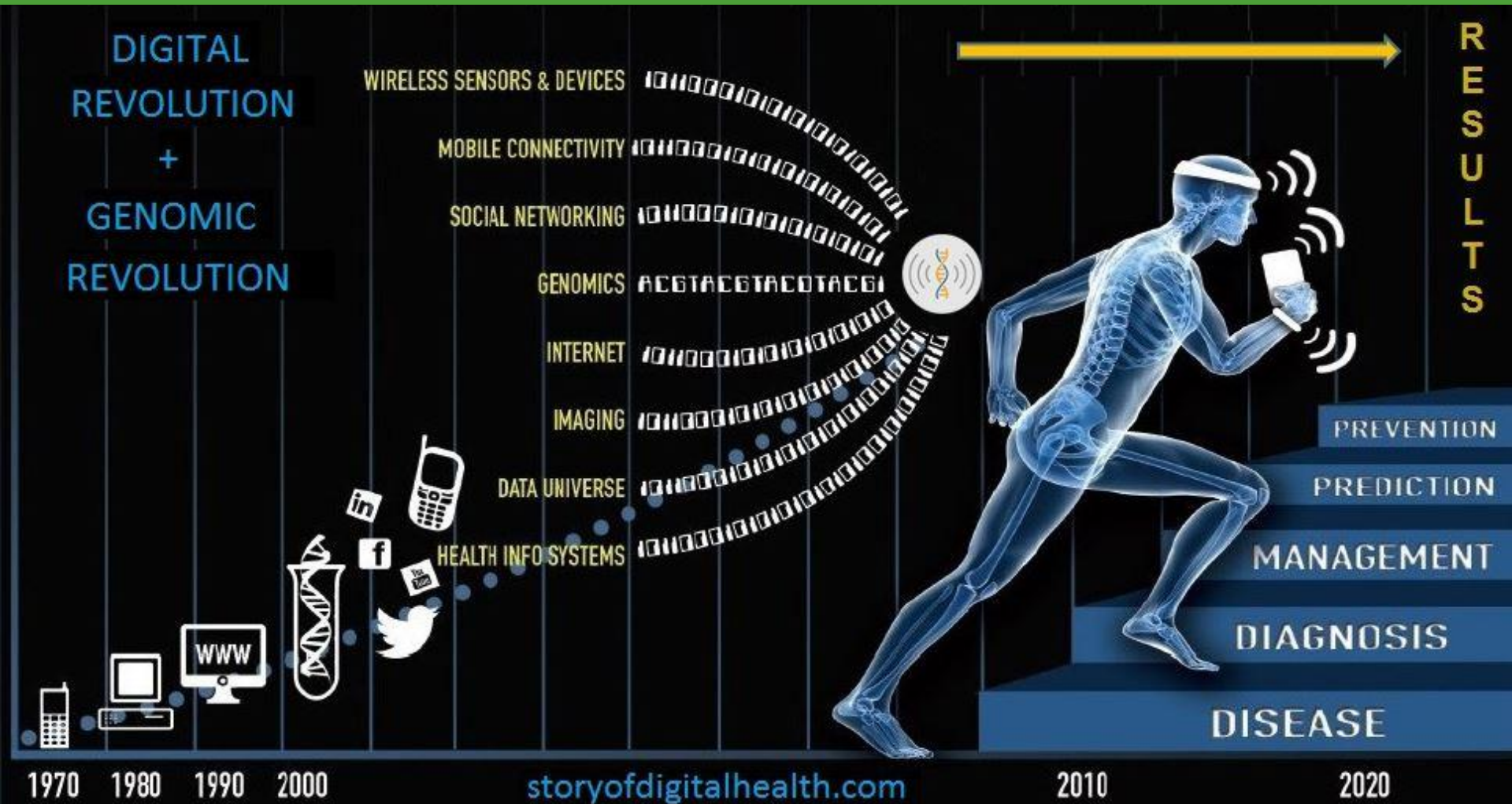


## Space medicine

Precision  
Global  
Health

# SUSTAINABLE DEVELOPMENT GOAL 3

Ensure healthy lives and promote well-being for all at all ages



# SUSTAINABLE DEVELOPMENT GOAL 3

Ensure healthy lives and promote well-being for all at all ages



## Precision Global Health

- Convergence of multiple information sources
  - Healthcare and health information systems
  - Environmental and geographical data
  - Social networking, mobile connectivity
  - Sensors, intelligent objects, robots
- Data science, data sharing, open data
- Learning health systems