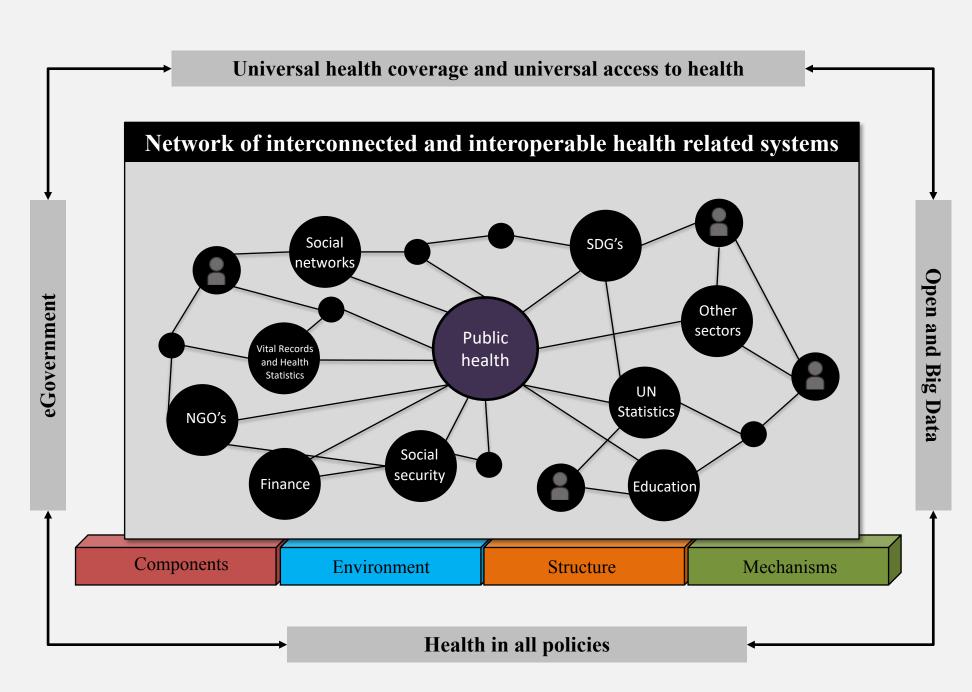
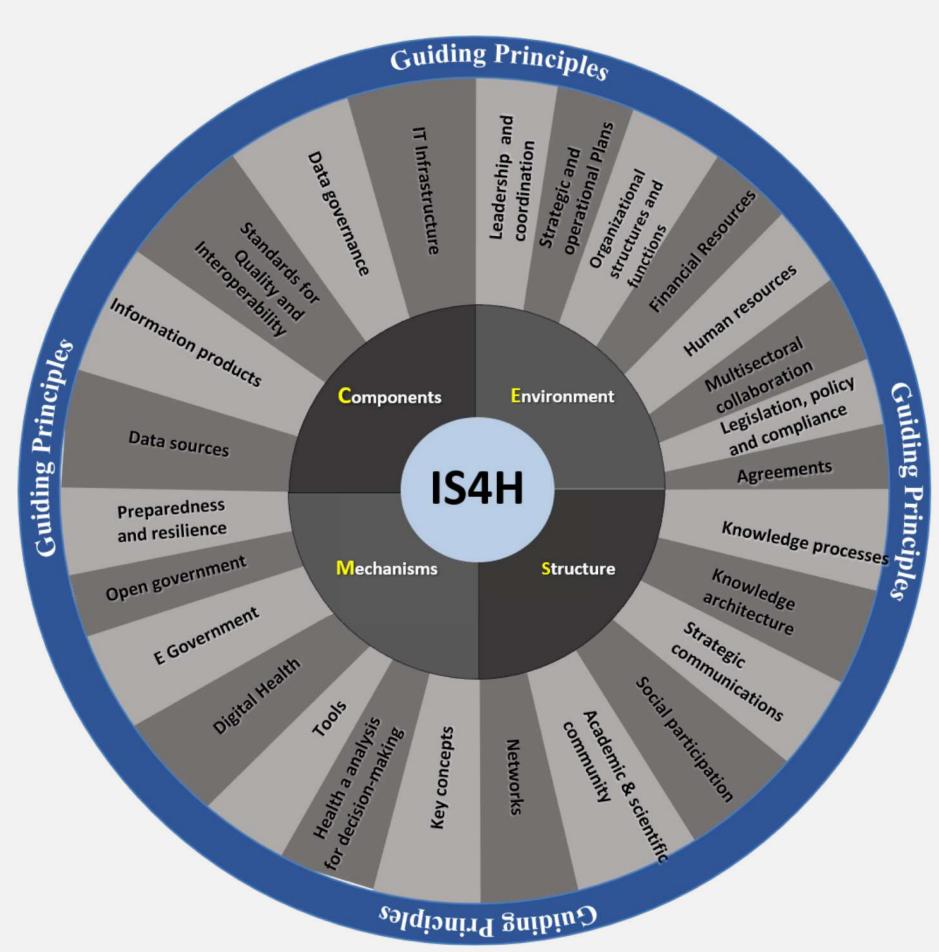
Conceptual framework

Systemic view based on the CESM model

Definition of Information Systems for Health: A mechanism for managing interoperable systems with open data that comes from different sources and that is ethically used, through effective ICT tools, to generate strategic information for the benefit of public health





IS4H Vision

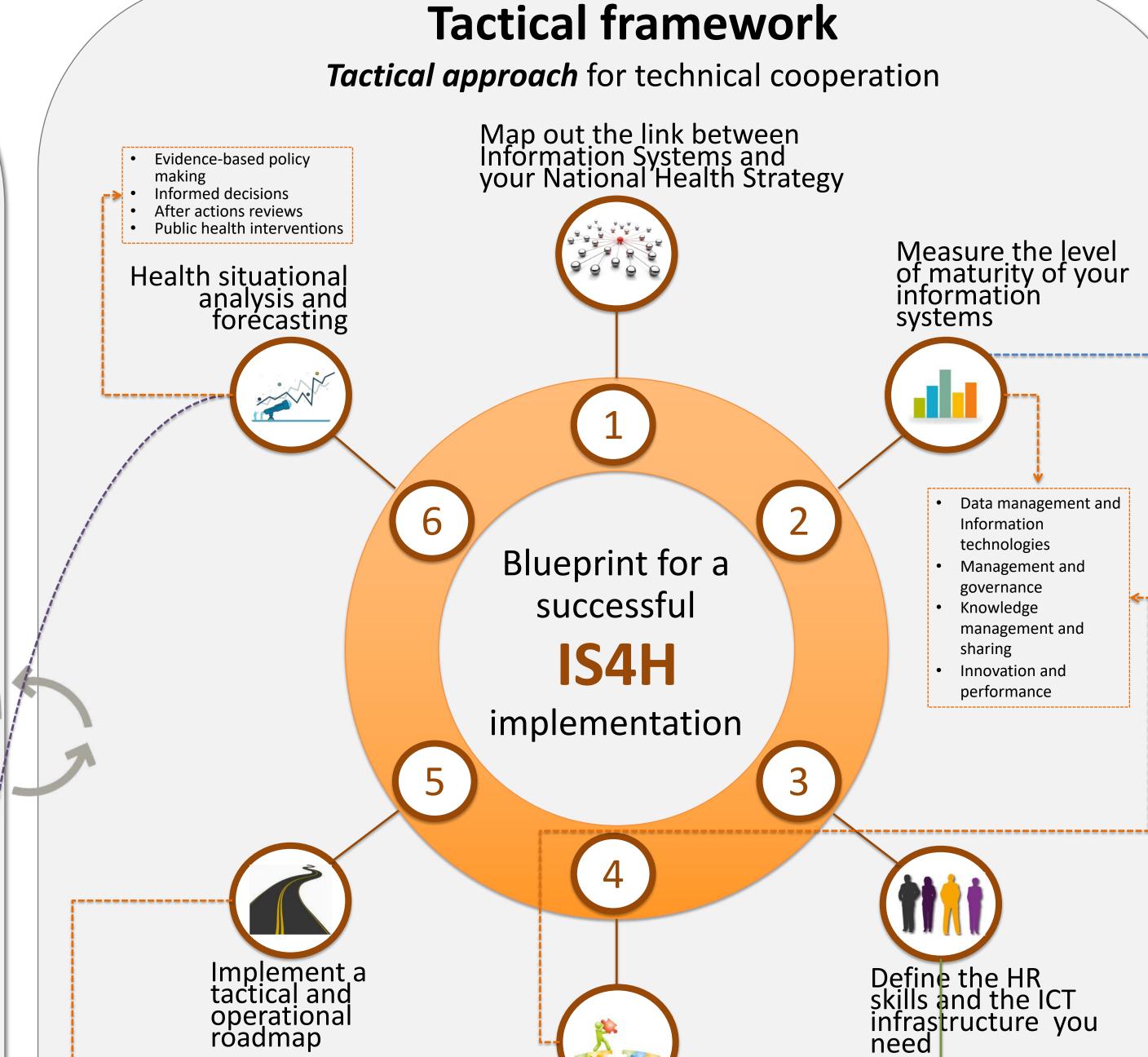
Implement universal access to health and universal health coverage in the region strengthened through interconnected and interoperable health related systems that assures the effective and efficient access to quality data, strategic information and ICT tools for decision making and wellbeing

IS4H Knowledge Management Hub

IS4H Goal

To implement a better d mechanism through health systems that ensure universal, free and timely access to data and strategic information using the most cost-effective ICT tools



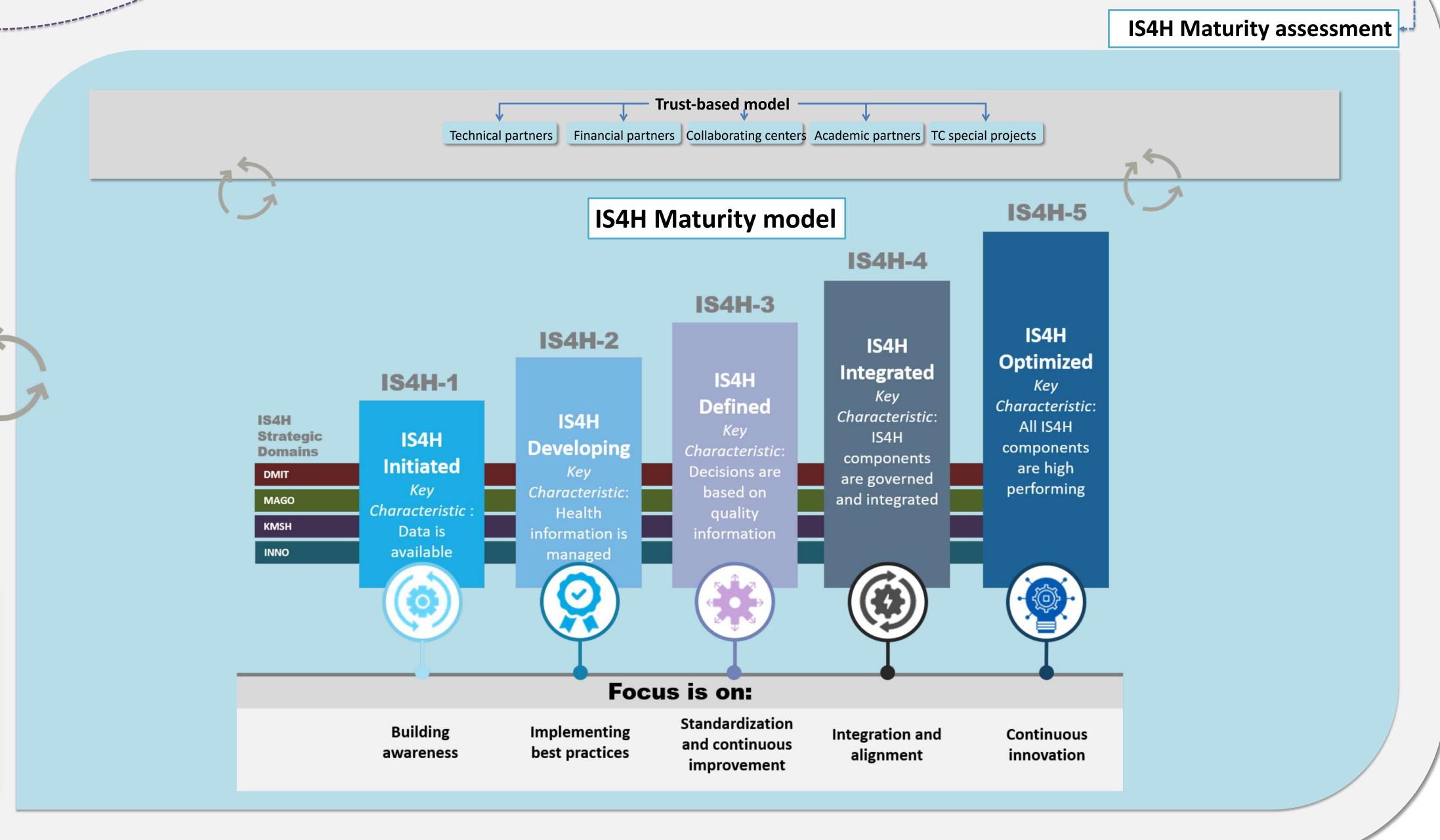


Identify the gaps, challenges and opportunities

Operational framework

Web-based toolkit composed by concepts, process, products and services

Health situation analysis and forecasting Decision and policy making ASIS-Digital data on how users interface with ARMAR Health situational an organization, particularly Analysis method Health Predictive Situational analytics analytics Analysis istructured data source **Structured data** refers to content that has a predefined structure and is manner and stored in a traditional relational database. <u>Unstructured data</u> refers to different types of content that do not have a predefined structure and are not Data-informed decision and policy making classified in a standard manner or contained in traditional databases evaluation Home Core Indicators Morsality Topics Analysis Contact Us Core Indicators Mortality Policy - Core Health Indicators 2017 - Indicators by country and region - Leading causes of death - Amenable causes of death Health Analysis - Years of life lost Health Profiles
- National Capacity building & Value adde Health Topics Antimicrobial resistance - Electronic Medical Records Scientific Publications - Health in the Americas Meningococcus - Pan American Journal of Public Health Better data mining
On-going operation and
dissemination
Two-way communications Policy dissemination



IS4H Policy

strategy

 Digital health strategy Digital literacy program

• Change management

Operational plan

Impact indicators

Informed decisions Technical analysis Situation report Strategic analysis Health situation analysis Learning framework PAHO Web Virtual Campus

