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EXPERIENCE
SESSIONS
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The need for an SVC reference testing environment, the role of Gazelle

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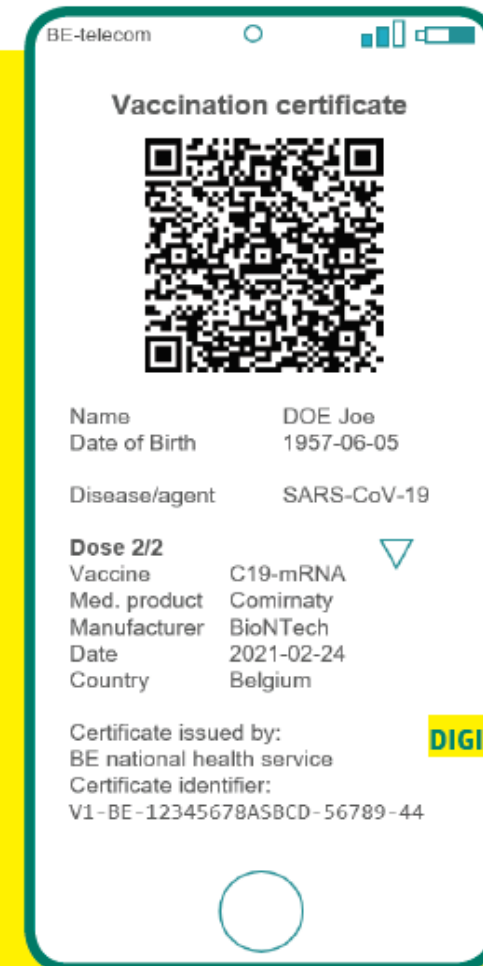
- In the last months, all countries had to overcome several unprecedented issues
 - Ensure the care of all citizens
 - Fund the development of new therapies and vaccines
 - Re-organize healthcare processes
 - Introduce new global processes and workflow
- Managing the vaccination cycle and handle the citizen's mobility was key
- This resulted in fast tracking through new digital transformation tools the cycle of vaccination
 - Digital vaccination certificates initiatives
 - EU Covid-19 digital certificate, WHO SVC, VCI, DIVOC, etc
- There is a need for a global consensus on all those platforms
- Mutual recognition of certificates
- Common data types and information exchange models
 - HL7 FHIR
 - IHE IPS profile
 - openHIE Architecture
 - IHE Test tools for conformity testing and assessment

What is the EU COVID 19 Certificate

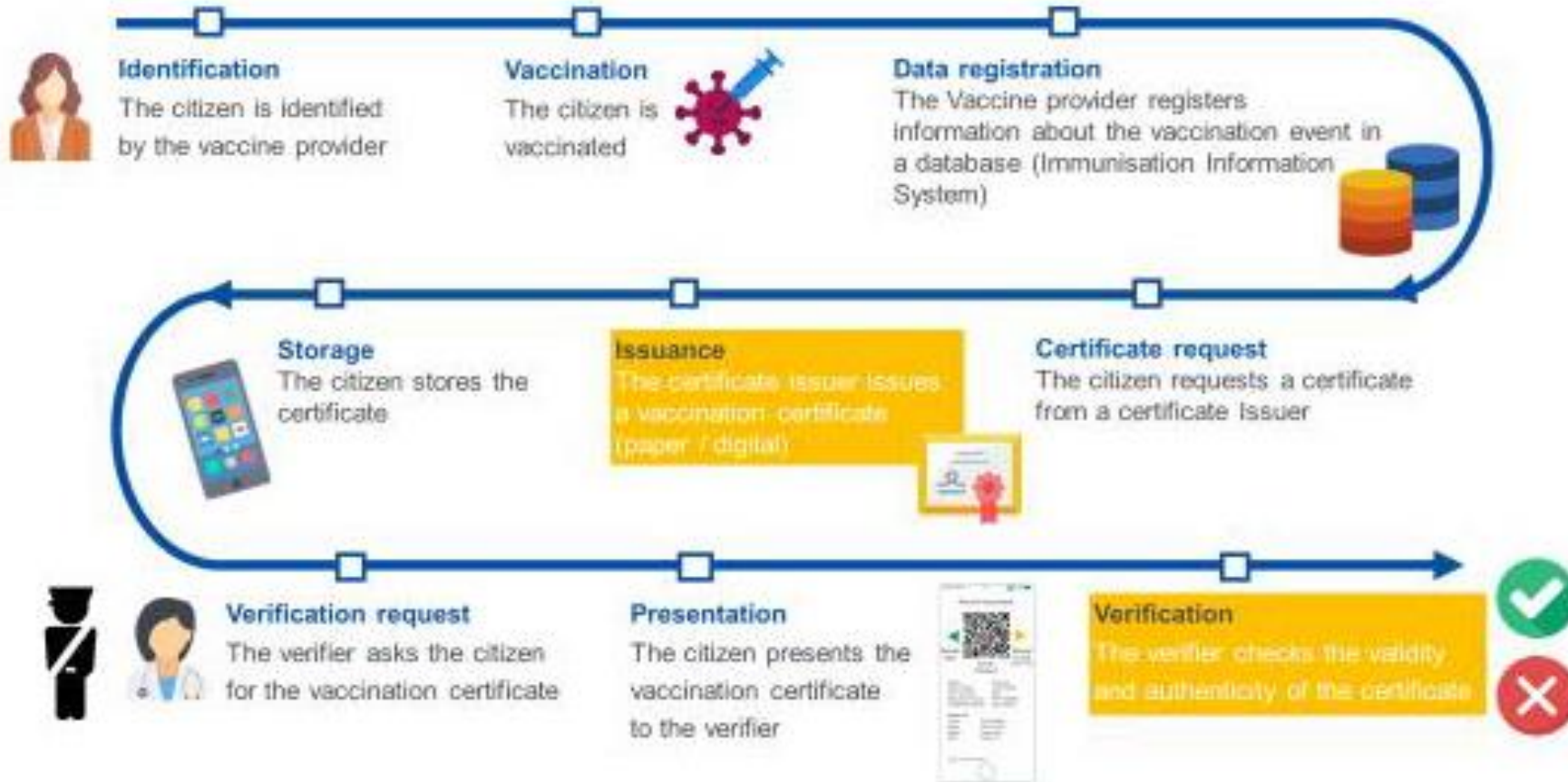
A Digital Green Certificate is a digital proof that a person:

- ✓ has been vaccinated against COVID-19, or
- ✓ has received a negative test result, or
- ✓ has recovered from COVID-19.

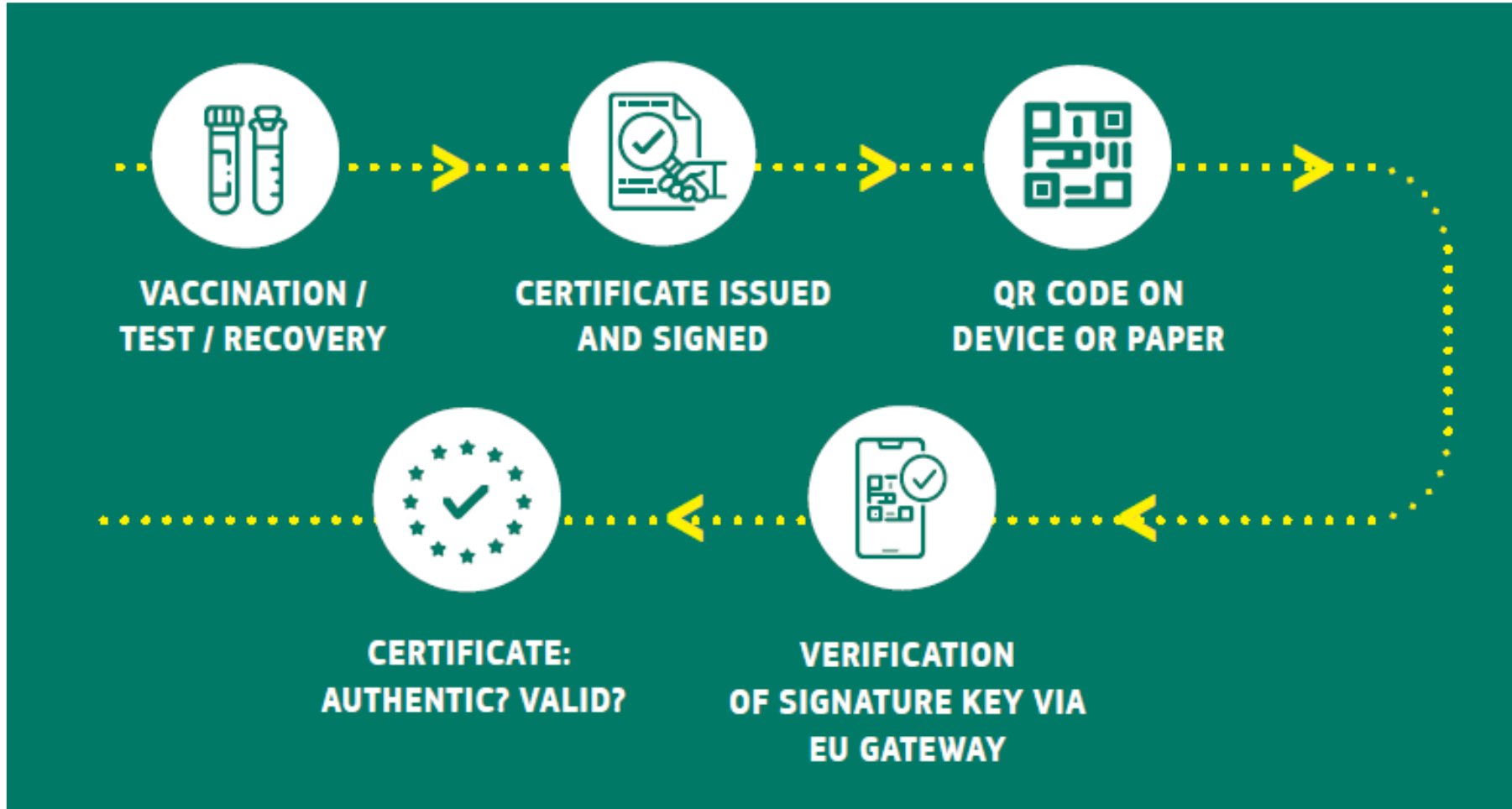
- › Digital and/or paper format
- › With QR code
- › Free of charge
- › In national language and English
- › Safe and secure
- › Valid in all EU countries



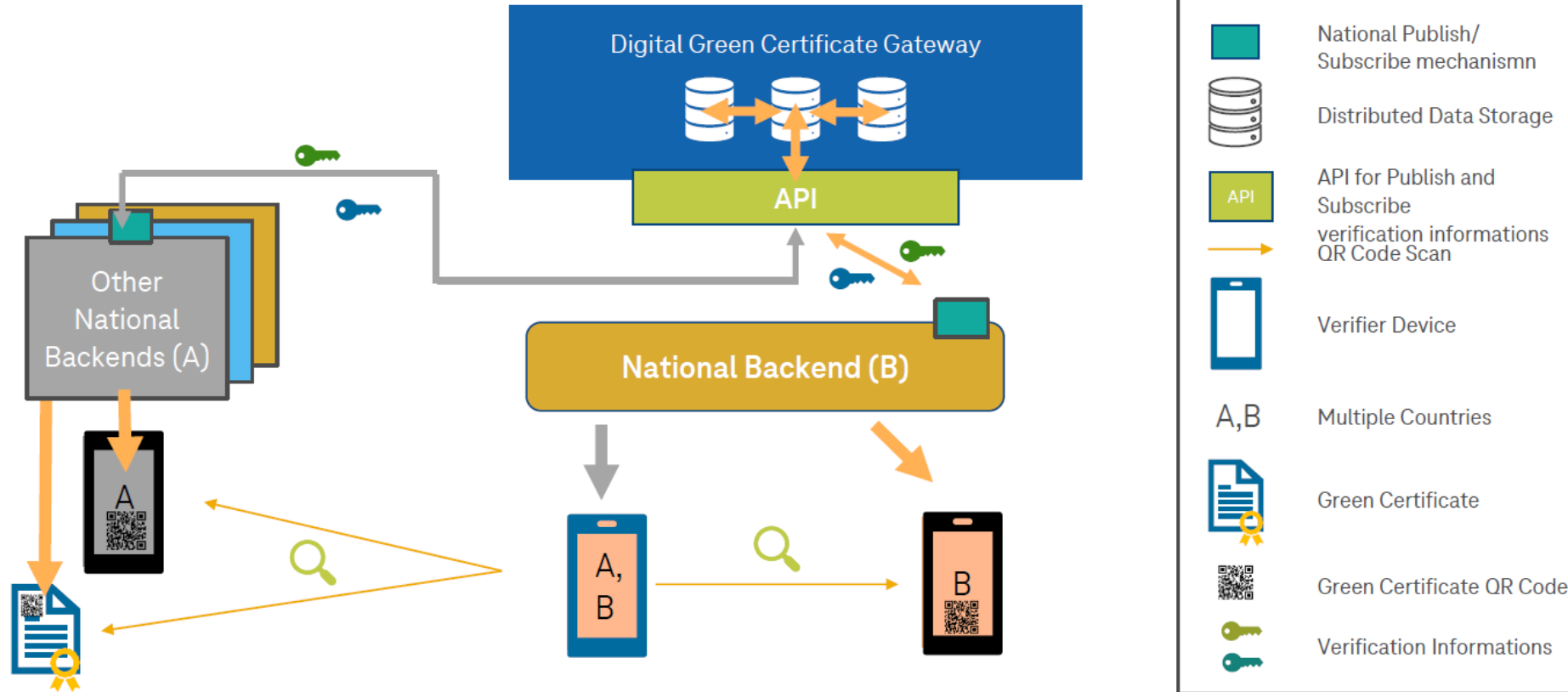
Business Use Case



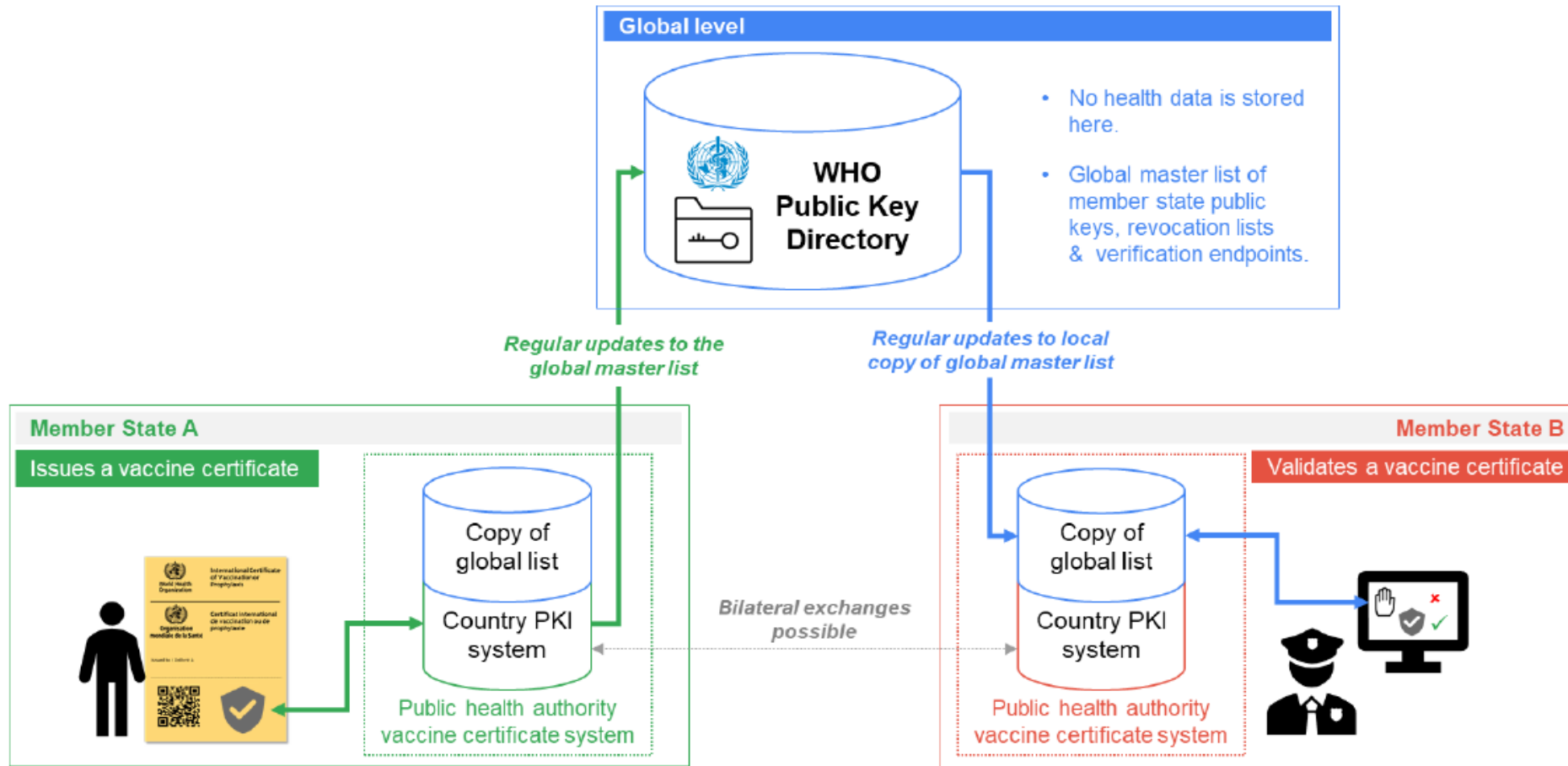
Workflow



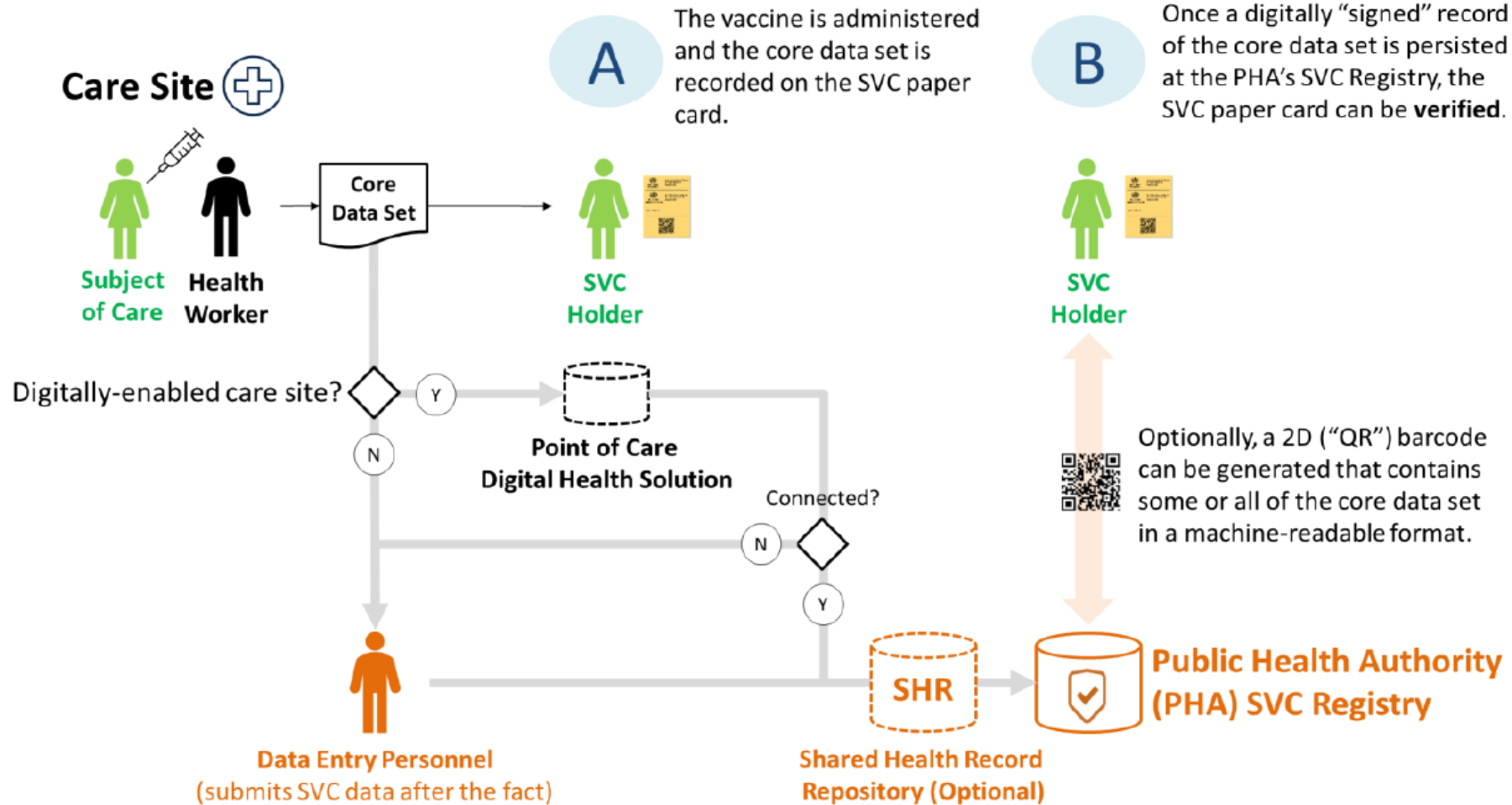
Communication Overview



The WHO Smart Vaccination Certificate



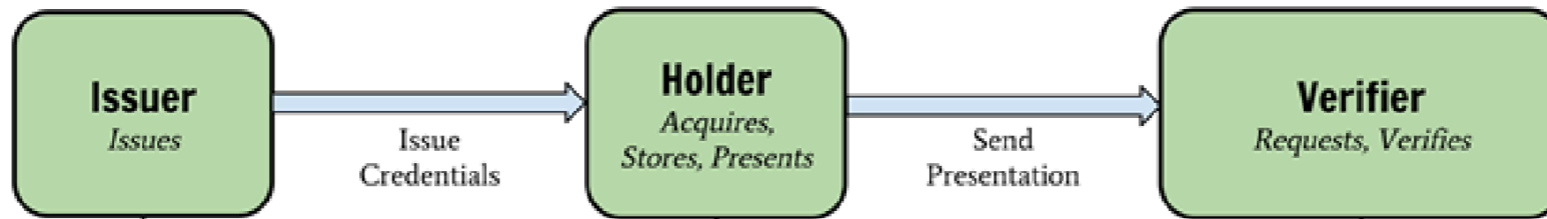
WHO a more clinical approach – vaccination only



develop

- (1) the [SMART Health Cards Framework Implementation Guide](#) based on the World Wide Web Consortium (W3C) Verifiable Credential and Health Level 7 (HL7) SMART on FHIR standards, and
- (2) the [SMART Health Cards: Vaccination & Testing Implementation Guide..](#)

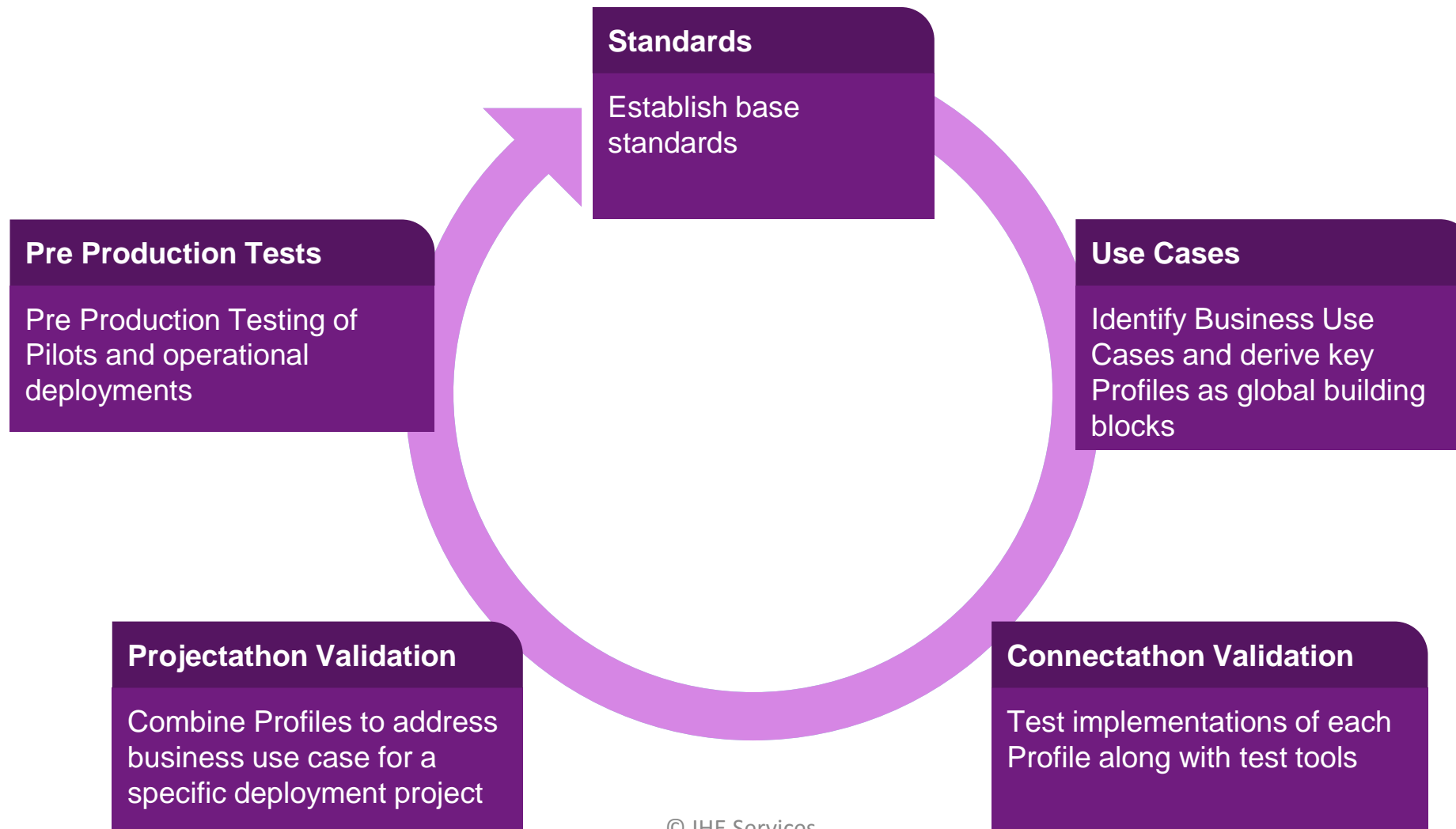
Conceptual Model



Adapted from Figure 1 of the W3C [Verifiable Credentials specification](#)

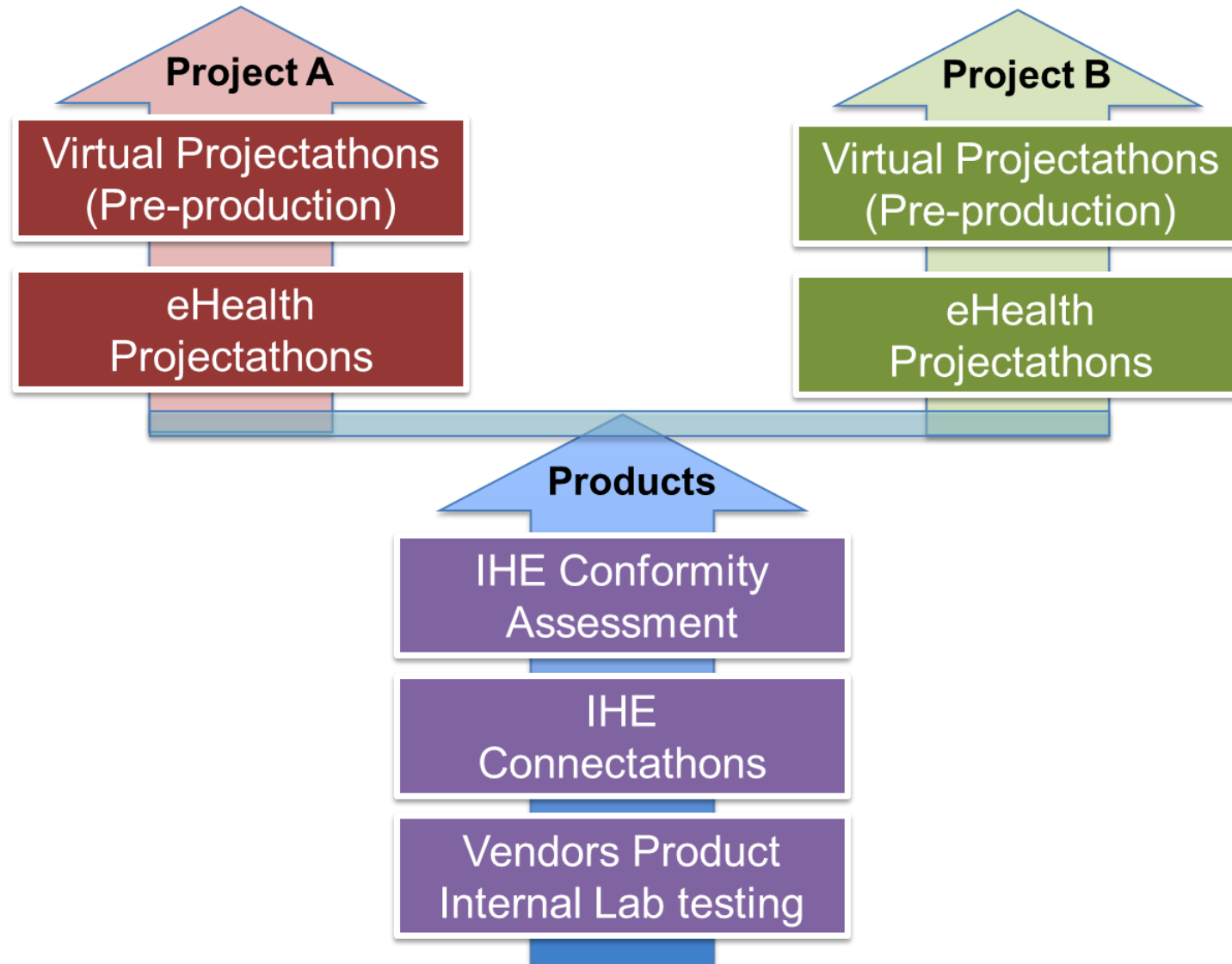
- Issuer (e.g., a lab, pharmacy, healthcare provider, EHR, public health department, or immunization information system) generates verifiable credentials
- Holder stores credentials and presents them at will
- Verifier receives credentials from holder and ensures they are properly signed

Realizing Interoperability is about teamwork



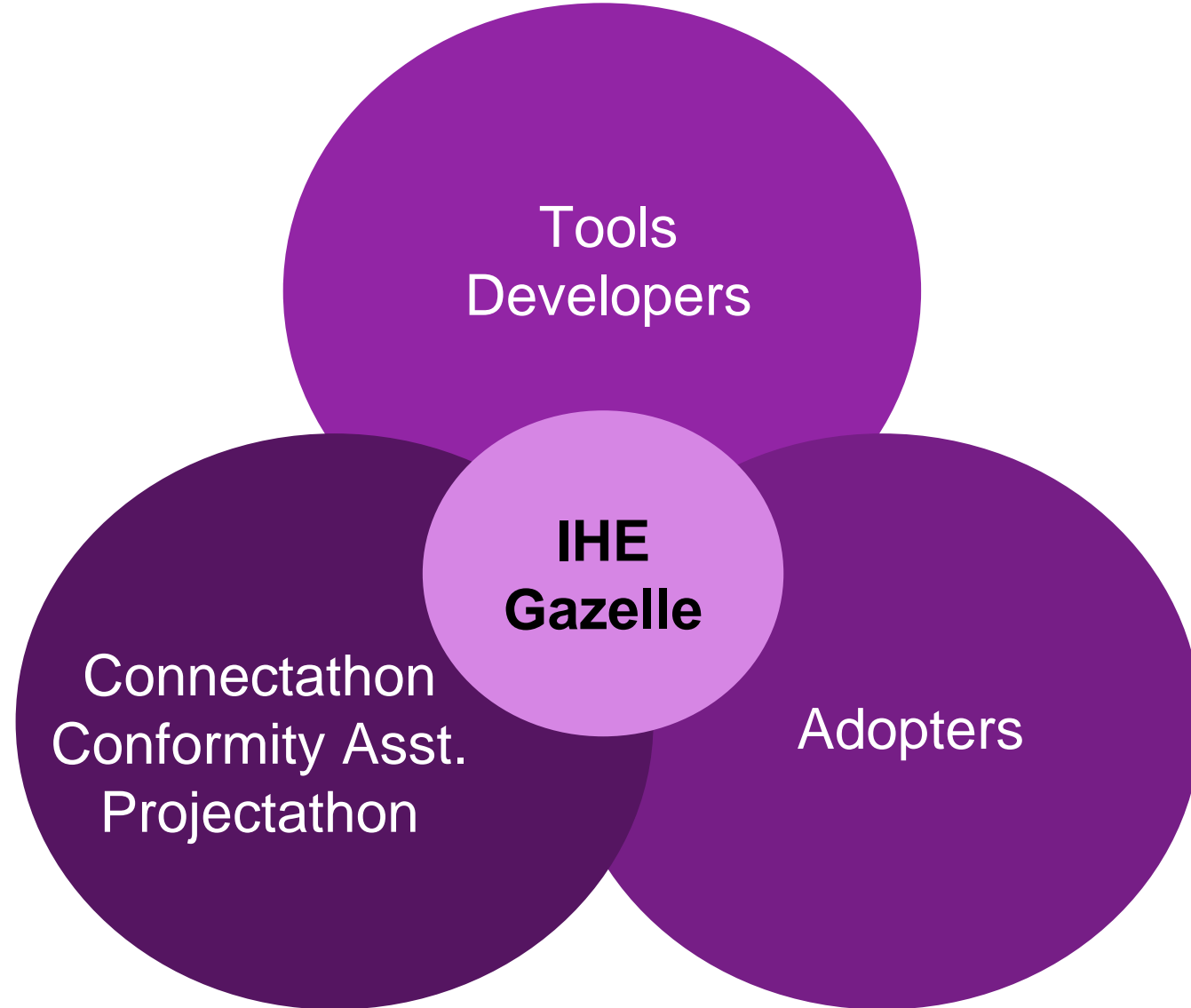
Gazelle: for the overall testing continuum

5 levels of Testing for testing for Products and Deployment Projects

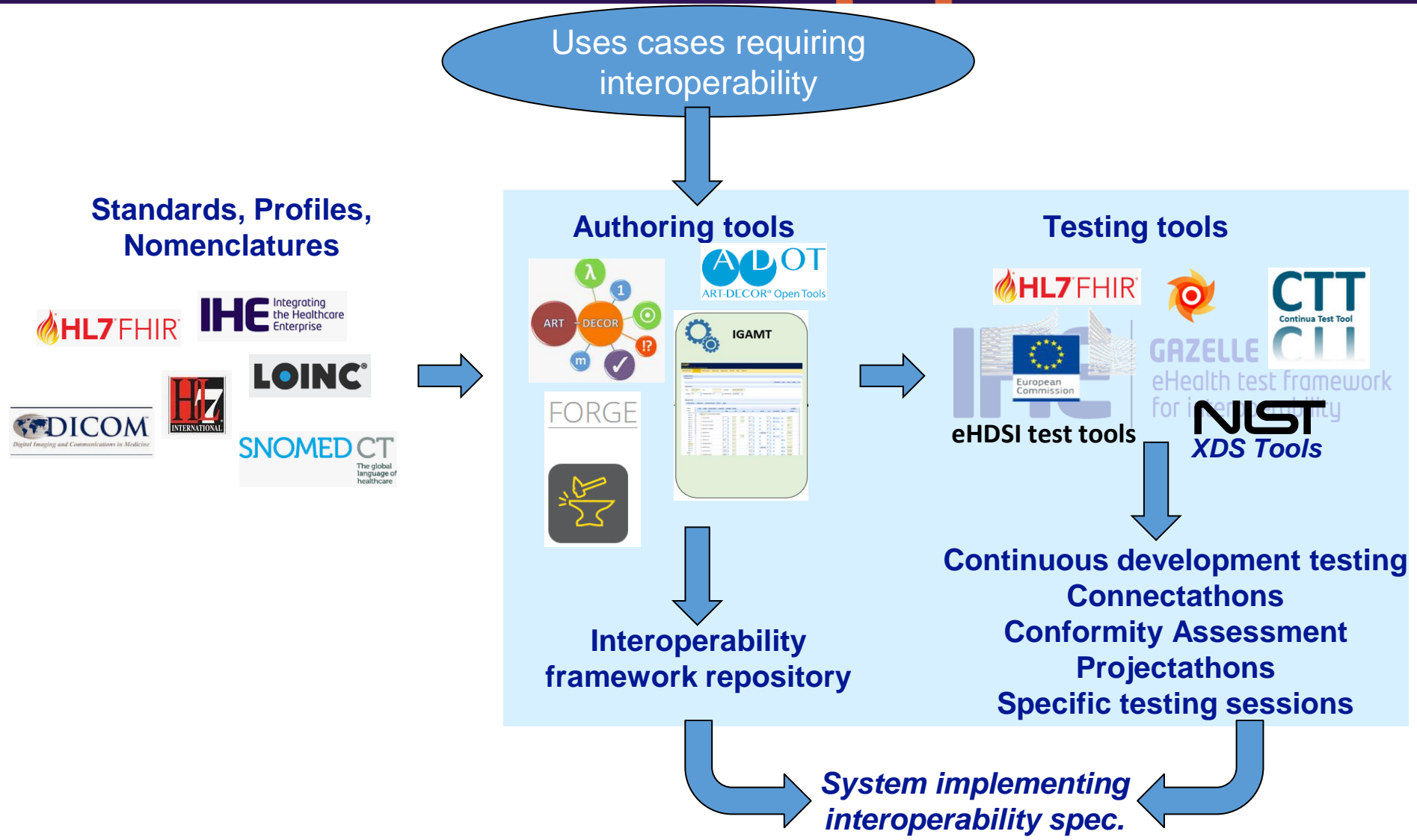




Gazelle: Test Platform Communities Ecosystem



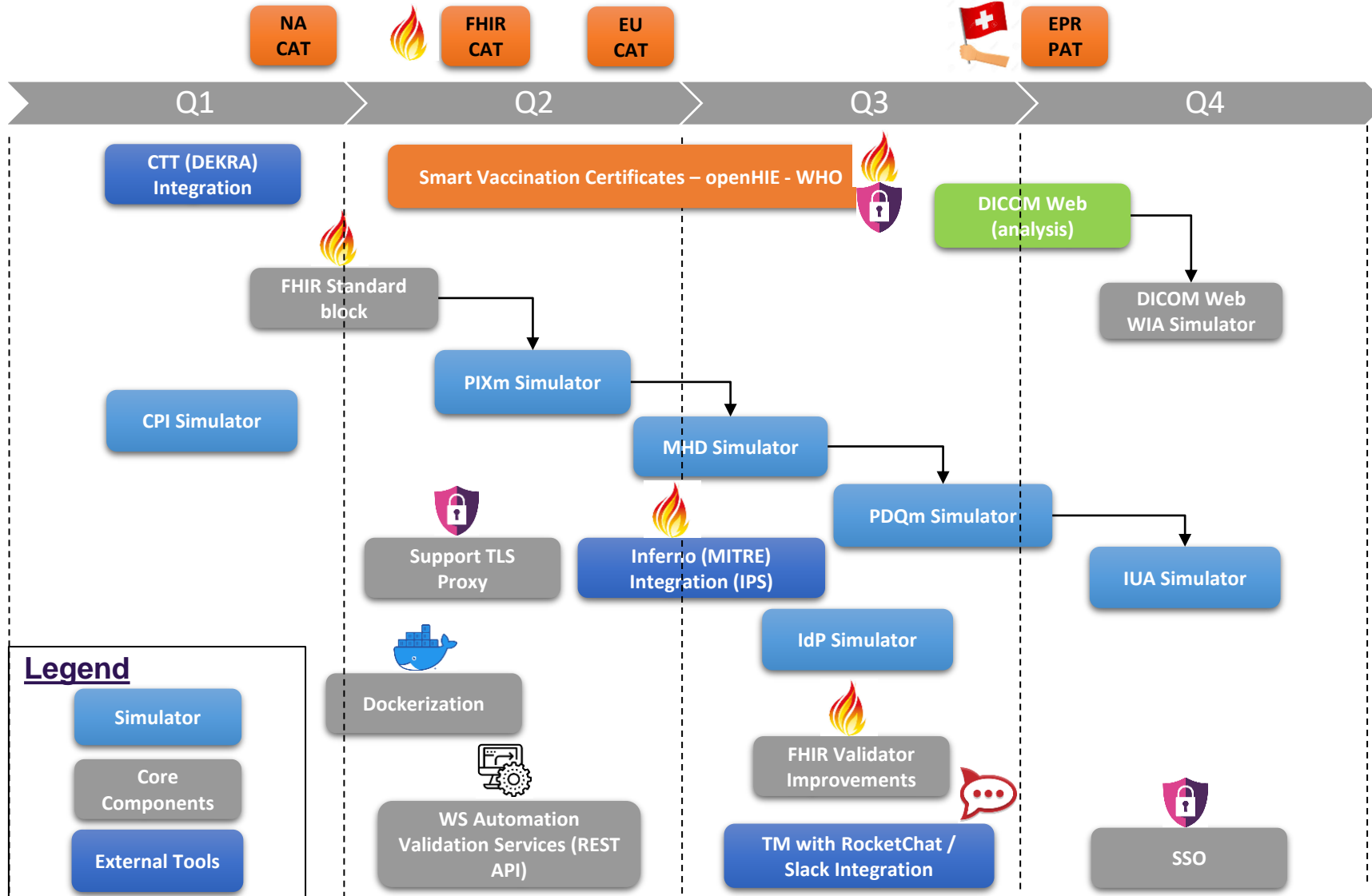
Gazelle Ecosystem



The central role of the Gazelle Platform



Gazelle Innovation Roadmap



- IHE as an organization can provide support
- Building consensus and leapfrogging adoption
 - IHE integration profiles and white papers
 - Create reference testing tools for the SVC use cases
 - Support all initiatives
 - Matching user needs with vendors implementations
 - Testing specifications – managing production testing
 - IHE Services has integrated the SVC enhancements into the Gazelle innovation plan
 - A reference testing platform is under development
 - Reuse of the reference testing tools for other use cases especially for LMIC