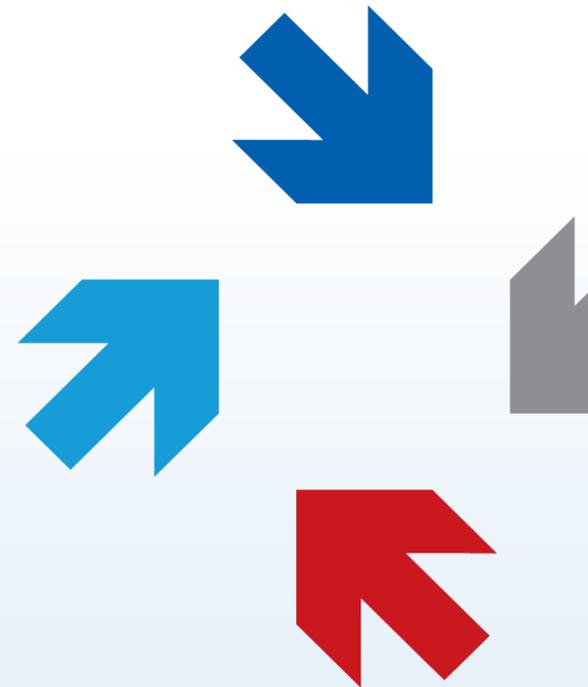



The Office of the National Coordinator for
Health Information Technology

 **S&I** FRAMEWORK

HIT Steering Committee 6/20/2102

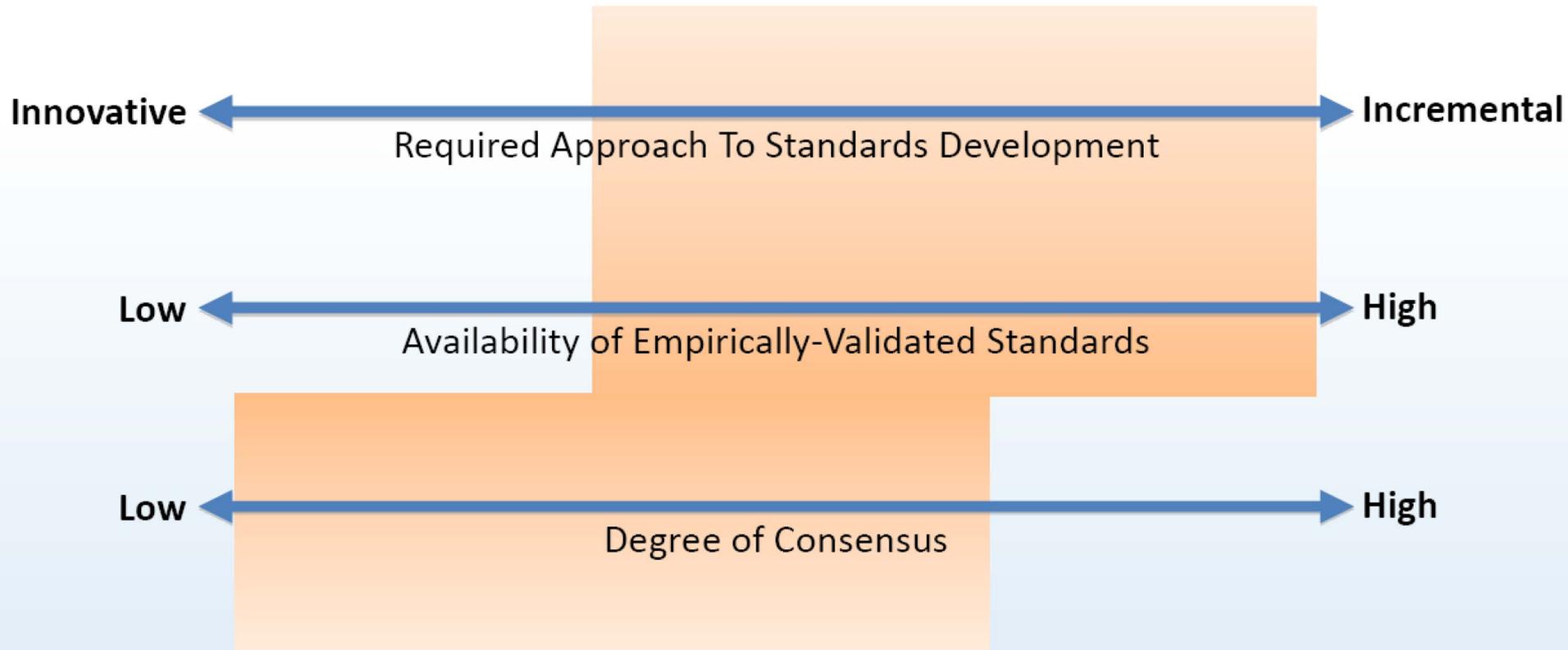
Doug Fridsma, MD, PhD, FACMI
Chief Science Officer
Director, Office of Science & Technology



Future Direction of S&I Framework

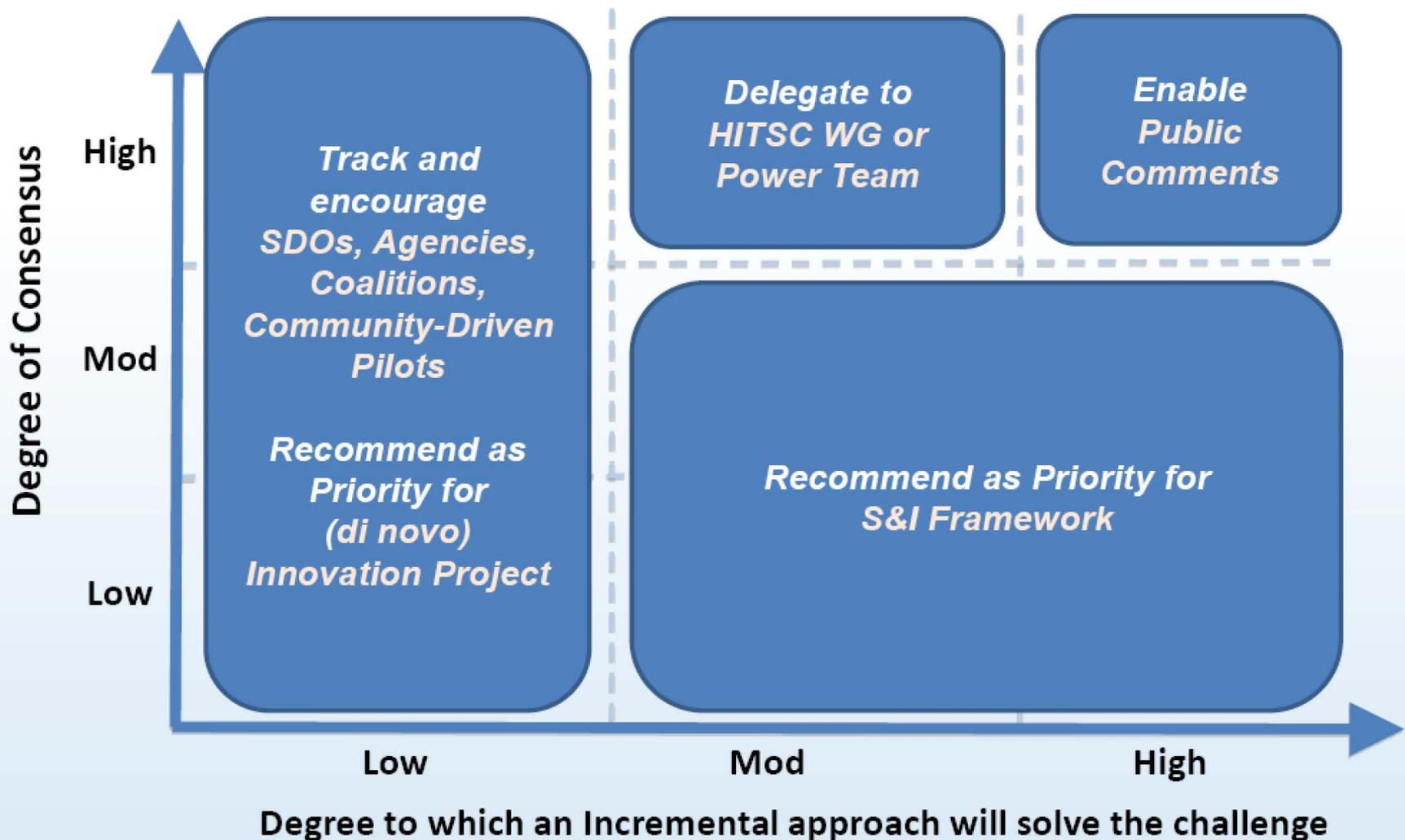
- ONC's commitment to enabling rapid standards development continues despite the end of ARRA funding. The HITECH Act gave ONC the responsibility to support standards and certification criteria now and in the future.
- While the ARRA resources expire after 2013, funding S&I framework activities will continue to support coordination around key initiatives.
- We are working with the community to find ways to make the federal investment go even further. For example, we are working with CHCF to develop a new standard for lab ordering interfaces, to provide additional coordination resources. The S&I framework will continue to support and coordinate high priority initiatives.
- We can anticipate additional discussion in the HITSC, and within the S&I framework.

Application of S&I Framework process to standards challenges

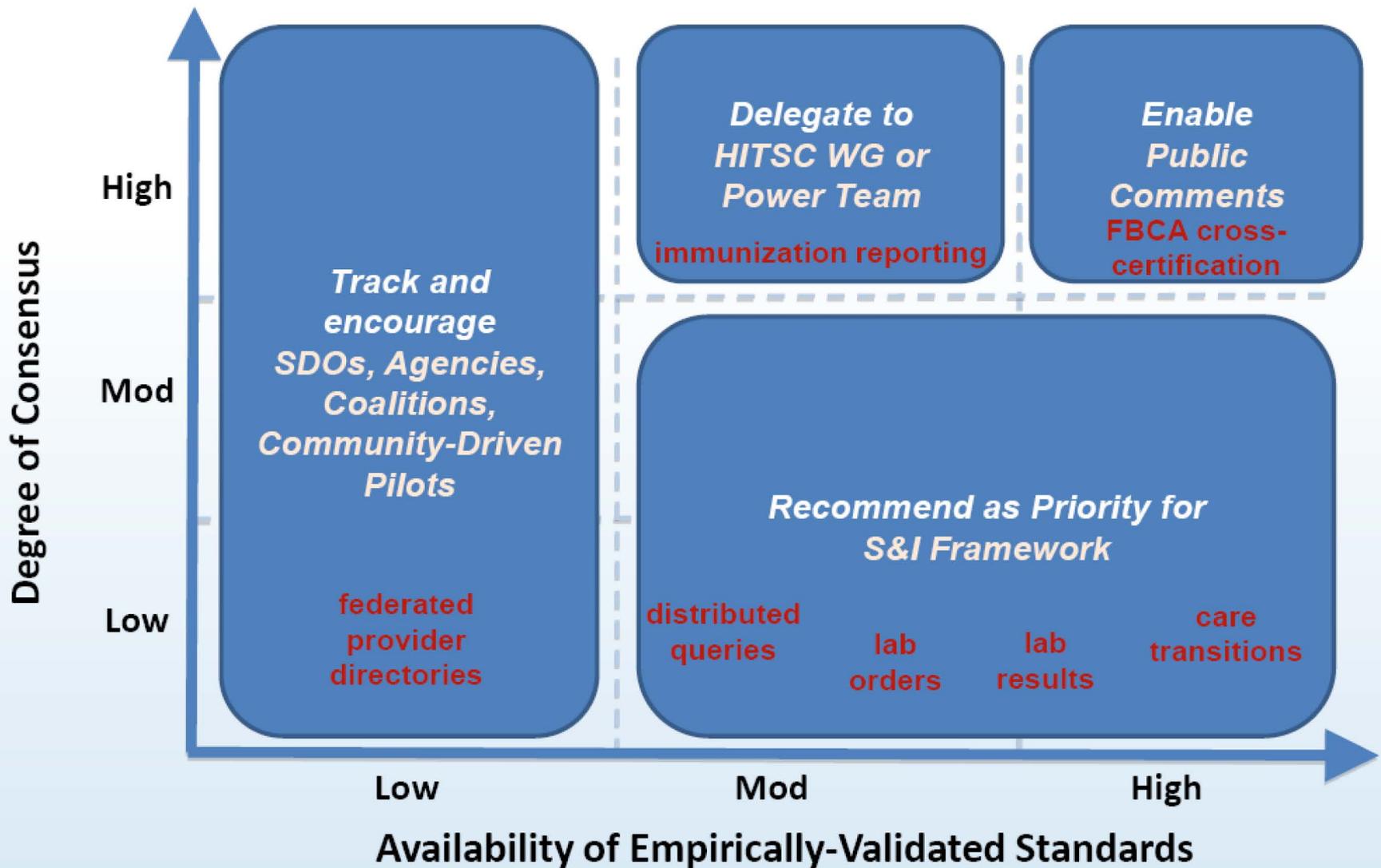


Shaded Area = Good Alignment with S&I Framework Process

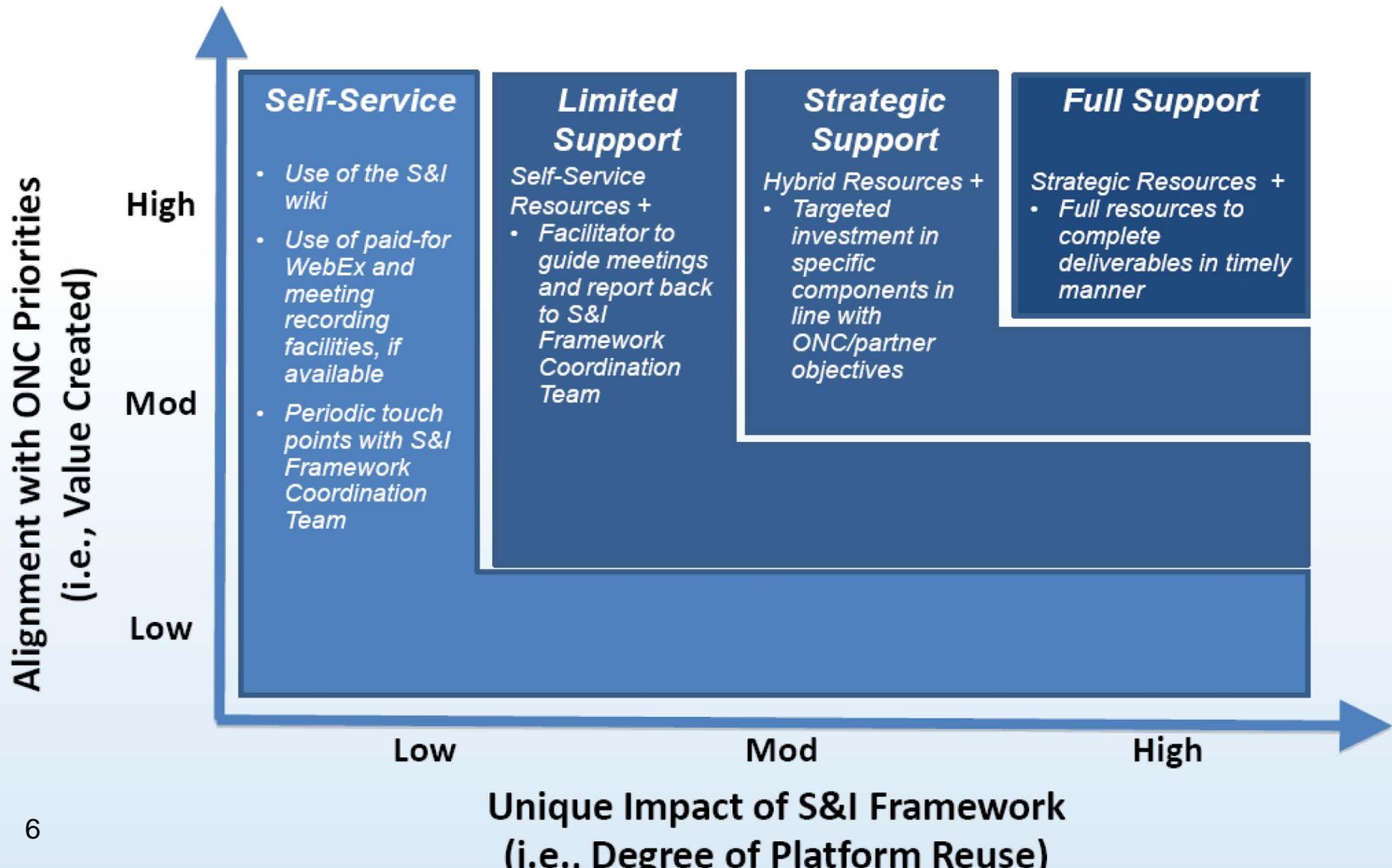
How do we operationalize standards analysis and harmonization?



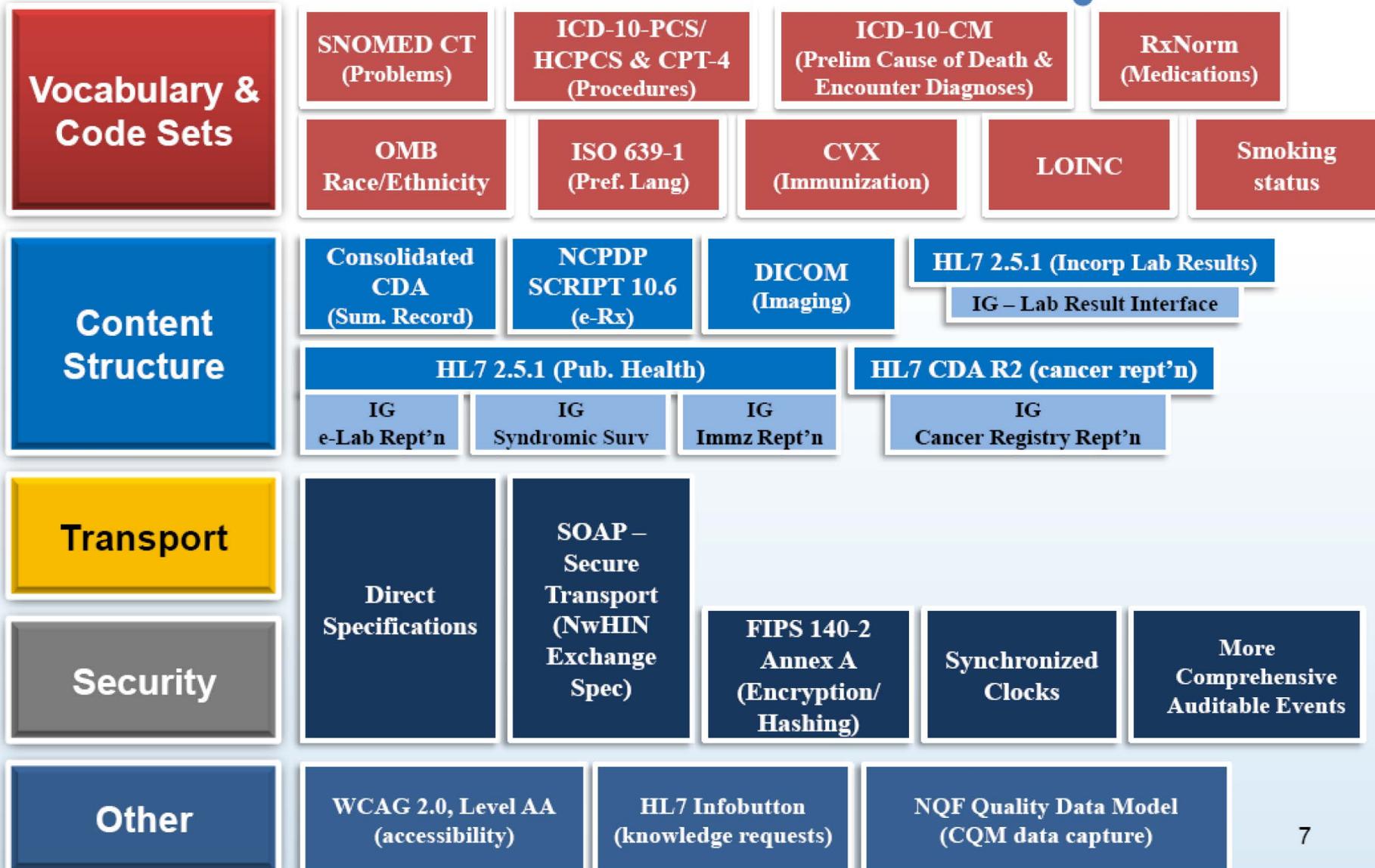
Examples



How do we support S&I initiatives?



NPRM 2014 Edition Standards



S&I Initiative Portfolio Snapshot

Pre-Discovery

Use Case

Harmonization

RI, Test & Pilot

Evaluation

Transitions of Care (J. Feikema)				Pilots informing Companion Guide
Lab Results Interface (J. Feikema)				2 nd IG ballot has completed reconciliation
Provider Directories (V. Palli)				Closed Initiative – No remaining deadlines
Certificate Interoperability (N/A)	OCPO determining next steps based upon Analysis Report			
Query Health (J. Feikema)				Pilots planning is in progress; Coordinating standards modifications with SDOs
Data Segmentation for Privacy (J. Coleman)				Implementation Guide in consensus process; Pilot planning kicked off
esMD (S. Elias)	2 (of 3) Use Cases finalized and in Harmonization; Author of Record workgroup kicked off			
Longitudinal Coordination of Care (V. Palli)				1 st Use Case achieved consensus; Limited Support Initiative
Public Health Reporting (A. Basu)				Community-Led initiative; Developing Functional Requirements component of Use Case
Laboratory Orders Interface (J. Feikema)				Wrapping up Use Case; Focused on alignment with LRI initiative; Kicked off related eDOS workgroup in mid-June
Health eDecisions (New!)	S&I Community Launched 6/6; Targeting standard format for interventions enabling Clinical Decision Support ; 2 Use Cases planned			

Value of the S&I Framework platform

- A public platform where the community can build consensus around a solution to a standards gap that must be addressed to support the exchange of health data.
- The ideal use of the S&I Framework (the “sweet spot”) is to build consensus around a standards solution when there is 2 or more standards that fail to address the needs of the community.
- The functions of the S&I Framework will be to:
 - Help identify standards gaps for health information exchange
 - Provide a flexible process and dynamic tools that can support a community to create consensus around solutions for priority standards gap areas
 - Evaluate the solutions emerging from the Framework and improve the Framework’s processes and tools and refine the criteria for a successful S&I Framework initiative.
 - Serve as a repository for standards products that have been developed using the S&I Framework platform.

Cross S&I Framework Activities

Current efforts are underway to create:

- A clear public facing vision for the S&I framework that allows it to be a platform with a purpose
- A standards gaps analysis for crucial health data exchange among primary healthcare stakeholders
- A governance process for the S&I Framework
- Initiative criteria to help determine whether an initiative would be appropriate for the S&I Framework
- Multiple tracks through which an initiative can achieve its goals
- A dynamic data dictionary that serves as a communication tool for users to understand the semantics behind the terms used within S&I framework products. (Terms within the data dictionary would be reused and extended in future S&I initiatives)
- A standardized S&I Framework wiki workspace for the community that allows community members to easily participate in multiple initiatives without having to relearn new wiki page structures.

Questions for HITSC

- What are the criteria for a successful S&I initiative?
- What does the HITSC see as their role within S&I coordination and priority setting?
- How does the HITSC wish to convey their prioritization of standards gap areas?
- What supportive information would the HITSC need to identify and prioritize standards gap areas?
- What kinds of flexibilities should be built into the Framework's initiative life cycle/process? How should a multi-track option for initiatives look like?
- What steps should be taken to properly evaluate the success of S&I Framework initiatives?