



# Governance Body Meeting

Thursday, February 16, 2017

12:00 PM – 1:00 PM EDT

Audio: 1-866-516-9291



# Governance Principles

**Transparency:** Stakeholders will have visibility into the Governance Body's work and opportunities to provide input.

**Respect for Process:** Governance Body members will adhere to an agreed upon decision-making process. Members will observe delineated and agreed upon roles and responsibilities.

**Outreach:** The Governance Body can solicit opinions and presentations from stakeholders to inform its decision making.

**Utility:** The Governance Body will prioritize use of existing information technology standards and infrastructure as it pursues shared and realistic goals that benefit all parties.

**Representativeness:** Governance Body members will represent their broader field and be responsive to the goals of the Digital Bridge partnership.

**Trust:** Governance Body members will honor commitments made to the Digital Bridge effort.

# Agenda

## Purpose

1. Describe progress of the Digital Bridge initiative;
2. Discuss and approve the implementation site cohort
3. Discuss and acknowledge final products from the legal and regulatory, and sustainability workgroups.

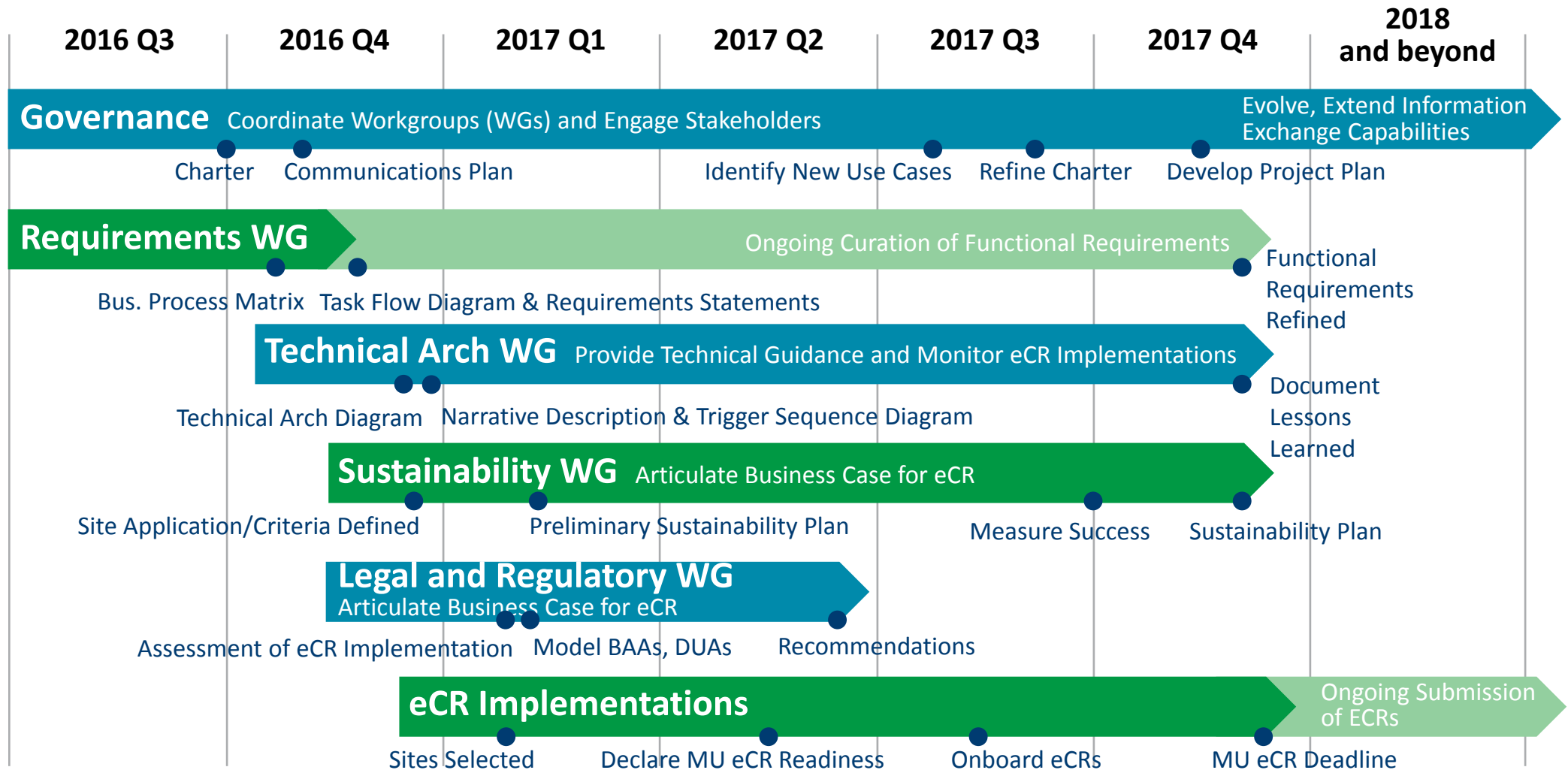
## Materials and Preparation

- Governance Body Decision Making Procedure
- For discussion and approval:
  - Site Selection Slides (\*.pdf)
- For discussion and acknowledgement
  - From Legal and Regulatory Workgroup
    - Legal and Regulatory Slides (\*.pdf)
    - Recommendations for agreement types and prioritization among data exchange partners (\*.docx)
  - From Sustainability Workgroup
    - Preliminary Sustainability Plan
    - Initial Implementation Site Questions

Time	Agenda Item
12:00 PM	Call to Order & Roll-call – John Lumpkin & Charlie Ishikawa
12:03 PM	Agenda Review and Approval – John Lumpkin, Chairman
12:05 PM	Digital Bridge Initiative Progress (10 min) <ol style="list-style-type: none"> <li>1. Project timeline – Jim Jellison</li> <li>2. Communications – Jessica Cook</li> <li>3. Update on Governance Body vacancy – Charlie Ishikawa</li> </ol>
12:15 PM	Digital Bridge eCR Implementation Sites (30 min) <ol style="list-style-type: none"> <li>1. Presentation of the eCR implementation site cohort – Jim Jellison</li> <li>2. Discussion and approval – John Lumpkin</li> </ol>
12:45 PM	Discussion and acknowledgement of workgroup products by governance: Legal and Regulatory, and Sustainability (15 min) <ol style="list-style-type: none"> <li>1. Discussion of products               <ul style="list-style-type: none"> <li>• Legal and Regulatory – Jim Jellison</li> <li>• Sustainability – Alana Cheeks-Lomax</li> </ul> </li> <li>2. Decisions – John Lumpkin</li> </ol>
Remaining	Next Steps – Charlie Ishikawa
1:00 PM	Adjournment – John Lumpkin

# Digital Bridge Initiative Progress

# eCR Project Timeline



REV 12/7/16

# Communications Update

- **Digital Bridge presentation next Tuesday, #HIMSS17, #EmpowerHIT**
  - Session #126, Tuesday, Feb. 21, 2:30-3:30 p.m., Room W230A at HIMSS17
- **ASTHO/NACCHO webinar on March 24, 1:30-3:00 p.m. EST**
  - Communicating to a broad audience about eCR and Digital Bridge
- Updated fact sheet, talking points, conference material coming soon
- Contact Jessica Cook ([jcook@phii.org](mailto:jcook@phii.org)) if you have specific needs for an event or meeting

# eCR Implementation: Site Selection Recommendations

## Session Objectives | eCR Implementation Sites

- Review technical expectations of eCR implementation sites
  - Project management, communications, evaluation outside scope of today's topic
- Review decisions from Jan 18 Governance Body meeting
- Confirm partners' capacity for supporting eCR implementation sites
- Prioritize eCR implementation sites



# eCR Implementation Site Expectations

- Site = public health agency, health care provider, EHR vendor (and/or HIE)
- Health care provider, EHR vendor
  - Implements Reportable Conditions Trigger Code (RCTC) table, HL7 Electronic Initial Case Report (eICR)
  - Sends eICRs to APHL Informatics Messaging Services (AIMS) platform (requires agreements)
  - Optional: Receives reportability responses from AIMS
- Public health agency
  - Receives eICRs, reportability responses from AIMS
  - Sends acknowledgement to Health Care Provider
    - (via AIMS, Reportability Response? Details TBD)
- HIE
  - TBD based on site and data flow

# Governance Decisions from Jan 18 Meeting

- Provisional approval to 7 applicants pending more thorough analysis of applications
- Second round of applications for missing Governance Body organizations
- PMO analyzed all 7 applications (included some follow up communications with applicants):

Public Health Agency	Health Care Provider	EHR Vendor
California	UC Davis	Epic
Houston	Houston Methodist	Epic
Kansas	Lawrence Memorial Hospital	Cerner
Massachusetts	Partners HealthCare	Epic
Michigan	McLaren Health Center	NetSmart (HIE-MiHIN)
New York City	Institute of Family Health	Epic
Utah	Intermountain Healthcare	Cerner

Site	Gov/WG Rep	Experience	Cases/Month
California/UC Davis/Epic (UC Davis Hosp.) <b><i>Incomplete application</i></b>	No previous engagement	AIMS: some experience (UC Davis) RCKMS: ? eCR: ?	C 16; G 5; P 2; S 16; Z 0
Houston/Houston Methodist/Epic (Houston Methodist Hosp.)	J. Doyle	AIMS: ? RCKMS: planning, content validation (HHD) eCR: ASTHO eCR pilot; HL7 ADT pilot Hep C (HHD)	C ~2; G ~1.5; P 0; S 3; Z 0
Kansas/Lawrence Memorial/Cerner (Lawrence Memorial Hosp. and 20 affiliated facilities)	S. Mosier B. Harmon	AIMS: ELRs (KDHE) RCKMS: ? eCR: KDHE input on HL7 eICR	C 16; G 3; P 0.1; S 1; Z 1
Massachusetts/Partners/Epic (MA General Hosp., Brigham and Women's Hosp.)	M. Klompas J. Doyle	AIMS: ELRs (MA DPH) RCKMS: planning, content validation (MA DPH) eCR: early adopter (ESPnet, Partners, MA DPH)	C 90; G 20; P 5; S 5; Z 40
Michigan/McLaren/MiHIN HIE Michigan/Local HDs/NetSmart (McLaren Health Care, LHDs via MiHIN HIE)	J. Collins (WG)	AIMS: ASTHO eCR pilot (MDHHS, MiHIN) RCKMS: ? eCR: ASTHO eCR pilot (MDHHS, MiHIN)	C ~2; G ~8; P <1; S <1; Z 0
NYC/Institute of Family Health/Epic (28 clinical settings in NYC and upstate)	A. Aponte (WG) J. Doyle	AIMS: ? RCKMS: provided UI input eCR: early pilot of CDA-based case reporting	C 505; G 137; P 7; S 2; Z 21
Utah/Intermountain/Cerner (Logan Regional Hosp., Budge Clinic Pediatrics) <b>FOR MEETING DISCUSSION USE ONLY – 2/16/2017</b>	S. He, J. Hartsell (WG) B. Harmon	AIMS: some experience (UT DOH) RCKMS: design, pilot test (IMH) eCR: recent pilots of HL7 eICR (all)	C 10; G 0; P 5; S 1; Z 0

Site	Prioritization	Rationale/Notes	Relationship with AIMS?
California/UC Davis/Epic	Low	Missing Letters of Support; Epic already represented	WSDL connectivity to PHA; Quest, PAML(in production);*
Houston/Houston Methodist/Epic	High	Epic expresses hesitation on readiness for HL7 eICR	PHINMS connectivity to PHA; Part of original eICR pilot and received mock eICR through the interface;**
Kansas/Lawrence Memorial/Cerner	High		PHINMS connectivity to PHA; receiving ELR from Quest and Cerner Hospitals;**
Massachusetts/Partners/ Epic	High	Epic expresses hesitation on readiness for HL7 eICR	WSDL connectivity to PHA; Quest
Michigan/McLaren/Local HDs/MiHIN HIE	High	Case reports sent to AIMS via MiHIN HIE	Direct connectivity to HIN in testing mode but will need VPN setup and additional work before going into production;
NYC/Institute of Family Health/Epic	High	Epic expresses hesitation on readiness for HL7 eICR	No connectivity to PHA
Utah/Intermountain/ Cerner	High		PHINMS, XDR connectivity; Quest/PAML (in production);**

# High-level Timeline (proposed)

Activity	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Review data sharing and business associate agreements	█	█										
Execute data sharing and business associate agreements			█	█								
Establish connection to AIMS platform		█										
Implement RCTC			█	█								
Implement HL7 eICR			█	█								
Develop test environment, synthetic data		█	█	█								
Test phase				█	█	█	█					
Production phase							█	█	█	█		
Evaluation (data collection)					█			█	█			
Evaluation (data analysis)										█	█	█

# eCR Implementation: Site Selection Wrap-Up

- Discussion
- Motion(s) and decision(s)
- Summarize decision and action items

**Discuss and acknowledge of workgroup products:  
Legal and Regulatory, and Sustainability Workgroups**

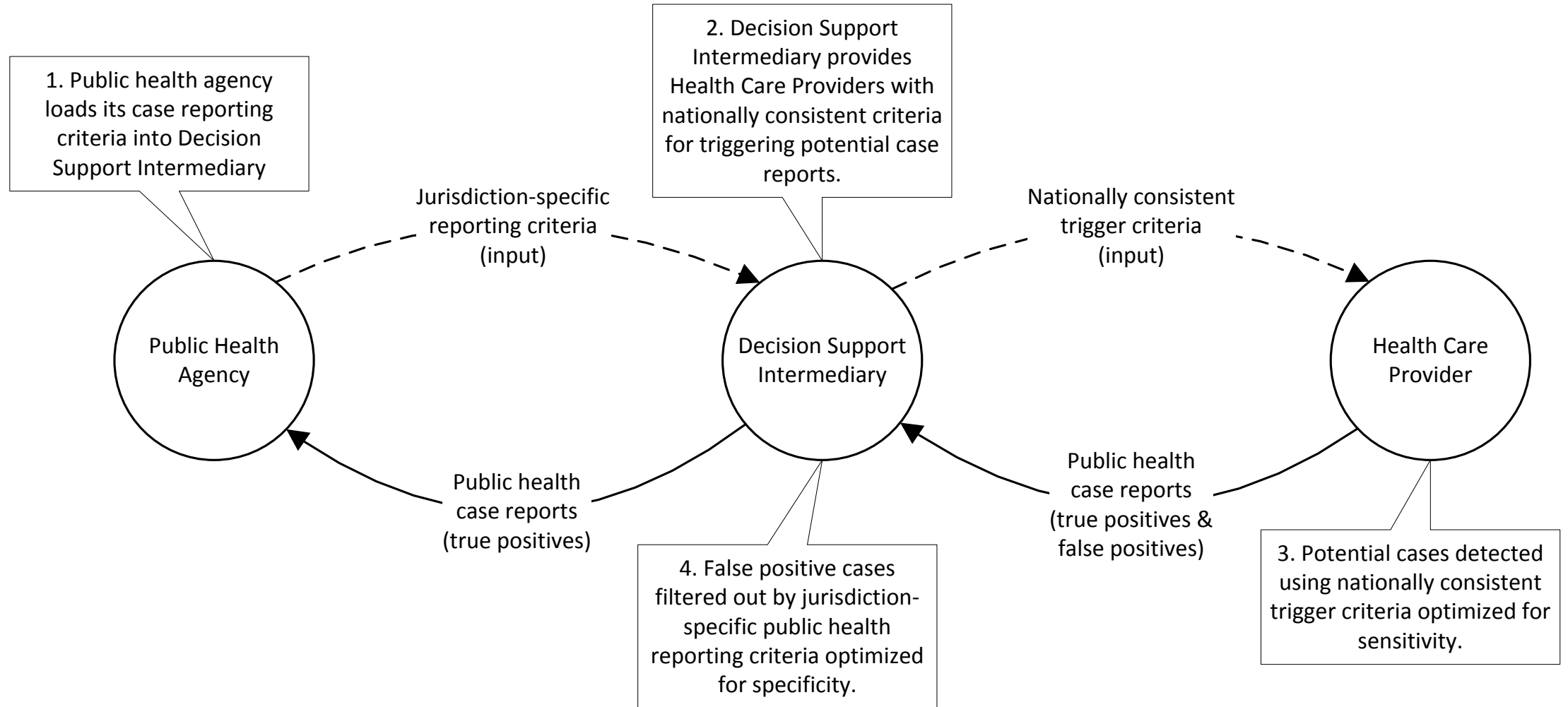
# eCR Implementation: Legal & Regulatory Recommendations



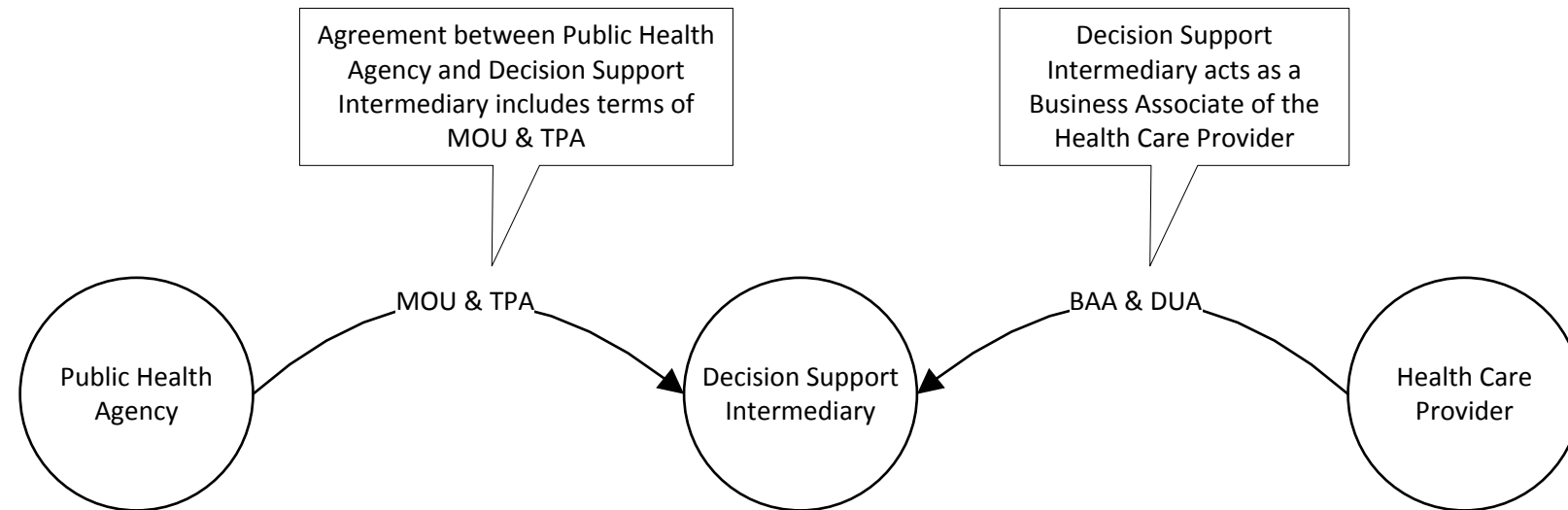
## Session Objectives | Legal & Regulatory

- Outline recommendations for short-term vs. long-term approach for legal and regulatory eCR compliance with privacy and confidentiality
- Describe next steps for eCR implementation sites and Digital Bridge Governance Body

# eCR Overview



# Recommended Agreements Framework – Short term for initial implementation sites



BAA = business associate agreement  
DUA = data use agreement  
MOU = memorandum of understanding  
TPA = trading partner agreement

## Recommended Content for BAA/DUA (Draft posted to Basecamp)

### Business Associate Agreement (BAA)

- Definitions
- General Provisions
- General Uses and Disclosures
- Obligations of APHL (BA)
- Obligations of Provider (CE)
- Insurance, Indemnification
- Termination, Amendment
- Obligations to Manage, Destroy Data
- Regulatory References
- Assignment, Severability
- Entire Agreement, Jurisdiction, Waiver
- Authority, Notices

### Data Use Agreement (DuA)

- Definitions
- Permitted Use
- System Access Policies
- Use Cases
- Expectation of Participants
- Representations and Warranties
- Disclaimers
- Term and Termination
- Miscellaneous Provisions

## Recommended Content for MOU/TPA (Draft posted to Basecamp)

### Memorandum of Understanding (MOU) / Trading Partner Agreement (TPA)

- Purpose, Background, Definitions
- Project/Opportunity
- Joint Responsibilities of Parties
- APHL Role and Responsibilities
- PH Agency Role and Responsibilities
- Open Records Laws
- Data Retention/Security
- Term and Termination
- Ownership of Data
- Warranties
- Indemnification, Limitation of Liability
- Amendment; Waiver
- Severability
- Entire Agreement; No Assignment
- Governing Law
- Notices

# High-level Implementation Timeline (proposed)

Activity	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Review data sharing and business associate agreements	■	■										
Execute data sharing and business associate agreements			■	■								
Establish connection to AIMS platform		■										
Implement RCTC			■	■								
Implement HL7 eICR			■	■								
Develop test environment, synthetic data		■	■	■								
Test phase				■	■	■	■					
Production phase							■	■	■	■		
Evaluation (data collection)					■			■	■			
Evaluation (data analysis)										■	■	■

## Long-Term Strategy

During initial eCR implementations (aka “short-term”), Digital Bridge will also plan longer term strategy for legal & regulatory compliance:

- Increase acceptability among health care, governmental partners
- Increase scalability through reduction of point-to-point agreements
- Inform evolution of eCR technical architecture
- Will likely entail examining “trust networks”, e.g.:
  - Sequoia/eHealth Exchange (<http://sequoiaproject.org/ehealth-exchange/>)
  - DirectTrust (<https://www.directtrust.org/>)

## Next Steps | Legal & Regulatory

- Engaging legal counsel (for short-term agreements and long term planning)
- Facilitate agreements for eCR implementation sites
- Developing new Legal & Regulatory Workgroup Charge addressing long-term strategy



# Sustainability Workgroup Products

# Sustainability Workgroup

## Workgroup Charge

Define a sustainability plan for eCR that articulates a business model for infrastructure support as described by the Digital Bridge Requirements and Technical Architecture Workgroups.

### Deliverables

1. Recommendations on site selection criteria for the eCR implementation phase of Digital Bridge and accompanying application process description
2. Preliminary sustainability plan for delivering electronic case reports using Digital Bridge technical infrastructure and shared services.
3. Assumptions and issues for any sustainability requirements, including the use of any specific technical standards, specific tools/shared services, project management and system maintenance functions and their availability for use in implementation sites, and underlying funding/business model to support any of them.

## Update

- Working group has been convening since the last Governance Board meeting to finalize the preliminary Sustainability Plan to support the close out of Phase 2
- Preliminary Sustainability plan outlines work and deliverables completed by the workgroup and well as recommendations moving into Phase 3
- As part of the final deliverables for Phase 2, the workgroup has also drafted a number of sustainability questions to be passed along to the initial implementation sites. The sustainability questions serve to help the workgroup gain a better understanding of some of the larger sustainability topics of scalability and cost, and will be used to help inform a more robust plan in Phase 3.



## Next Steps

DBGB Meetings

- Future meeting dates and times TBD