



HARVARD UNIVERSITY
Information Technology

Enterprise Architecture Model CIO Council Update

March 21, 2016

Agenda

- Purpose and Intended Outcomes
- Approach to Defining Enterprise Architecture (EA)
- The Activity-Based model for EA at Harvard
- Describing the Enterprise Technology Architecture Board (ETAB)
- Harvard Enterprise Architecture Taskforce (HEAT) projects

Purpose and Intended Outcome

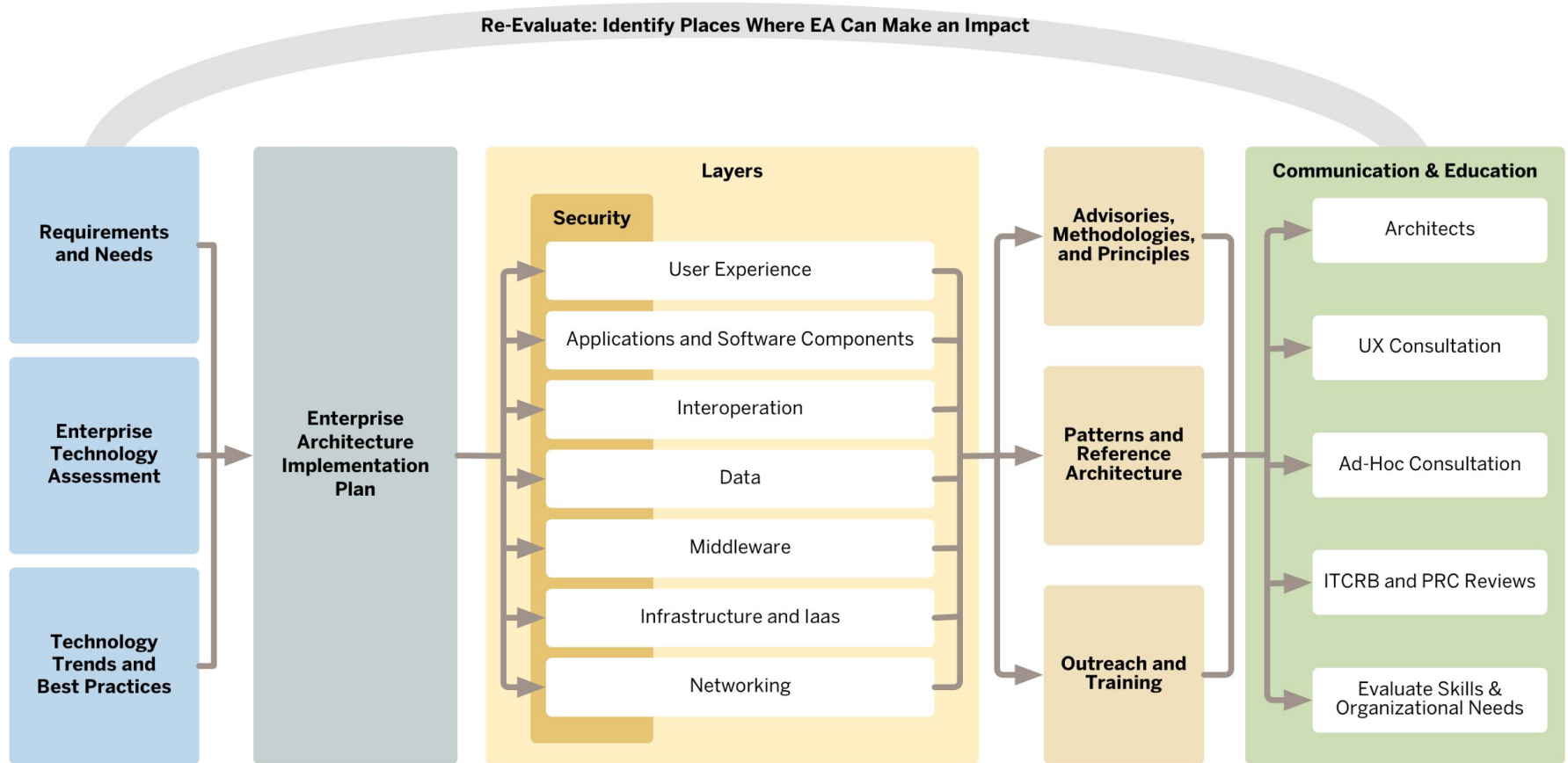
- **Purpose**

- To present the high-level model for Enterprise Architecture Practice
- To introduce the new Enterprise Technology Architecture Board

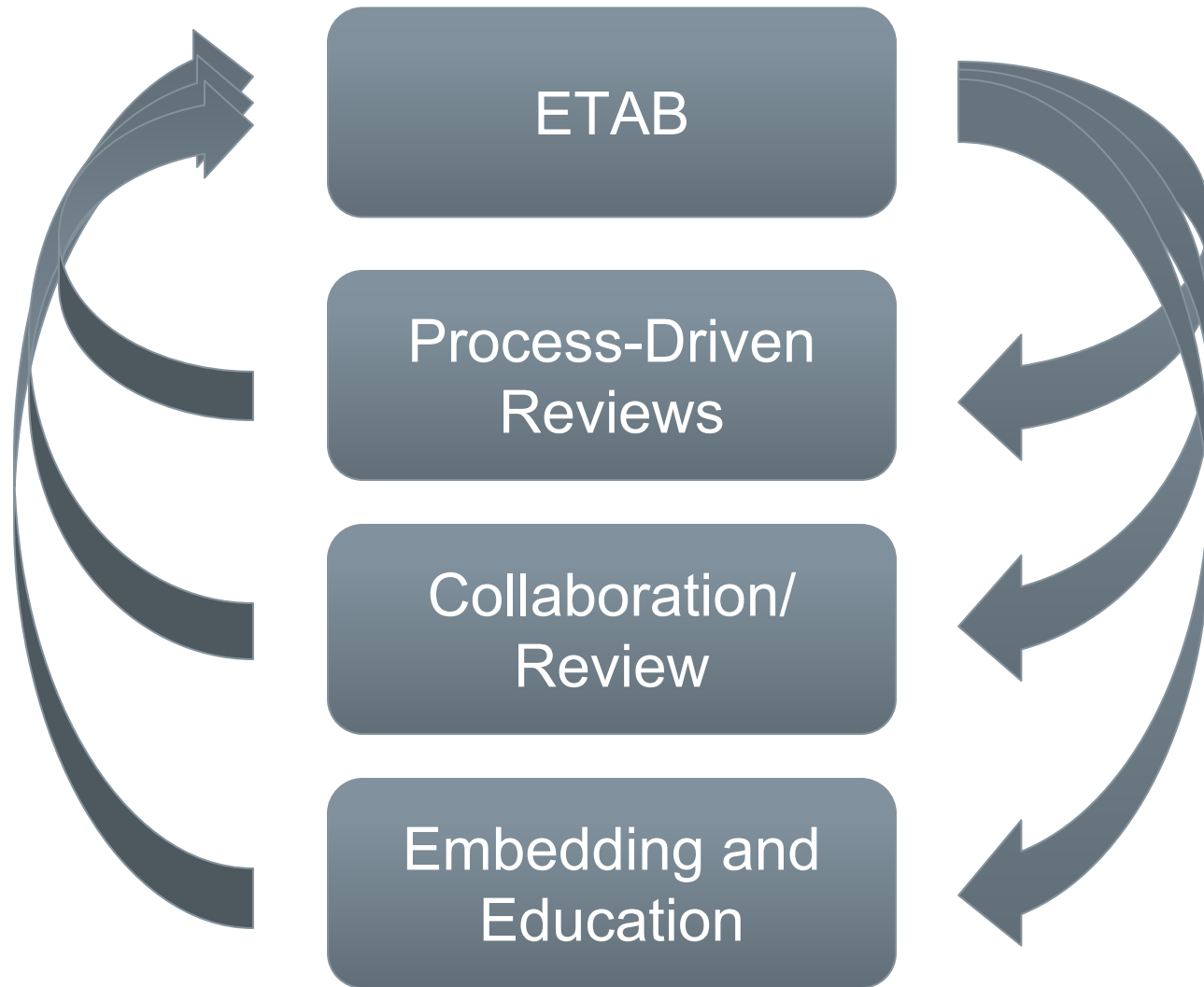
- **Intended Outcome**

- Validate proposed EA approach and ETAB activity

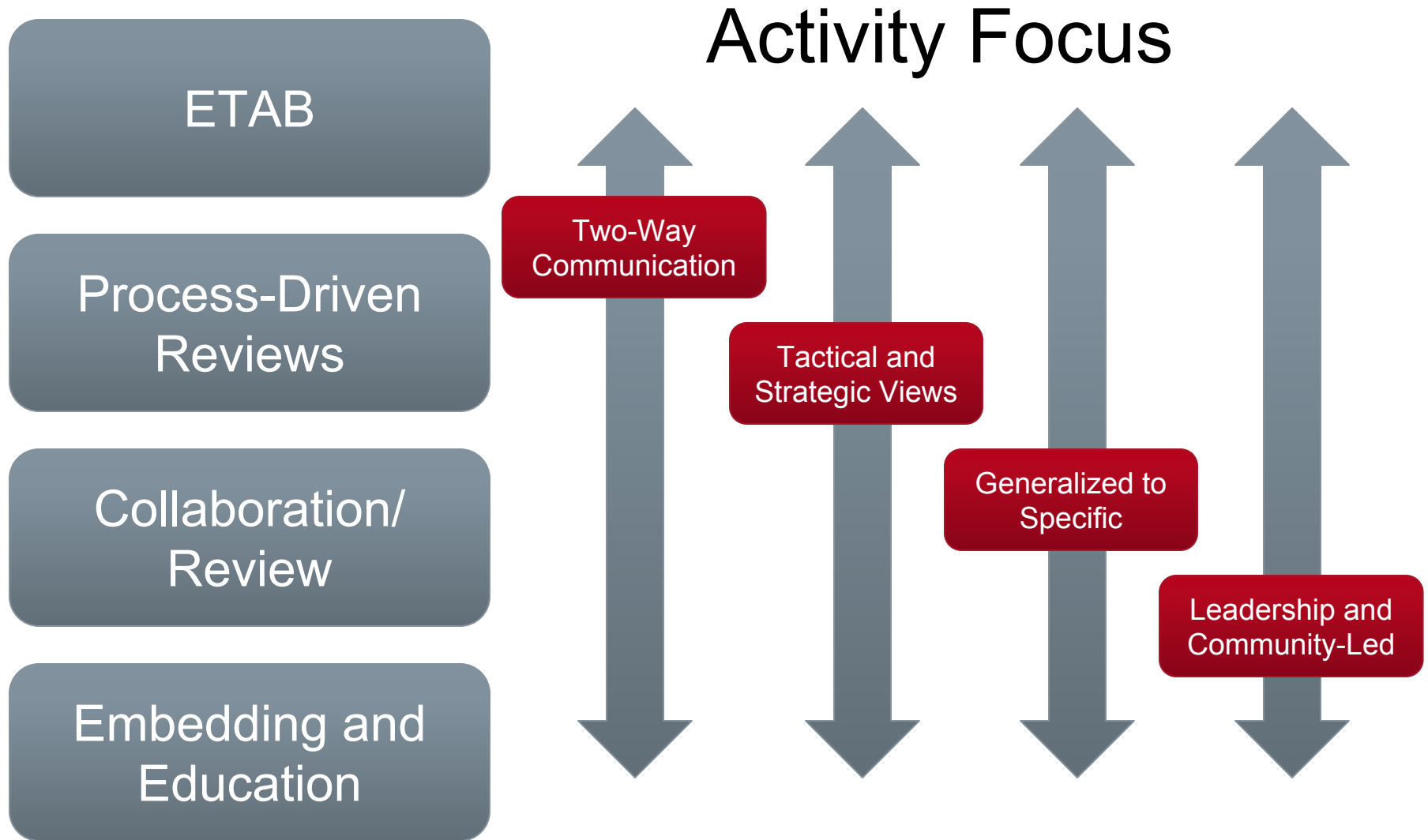
Approach to Defining Enterprise Architecture



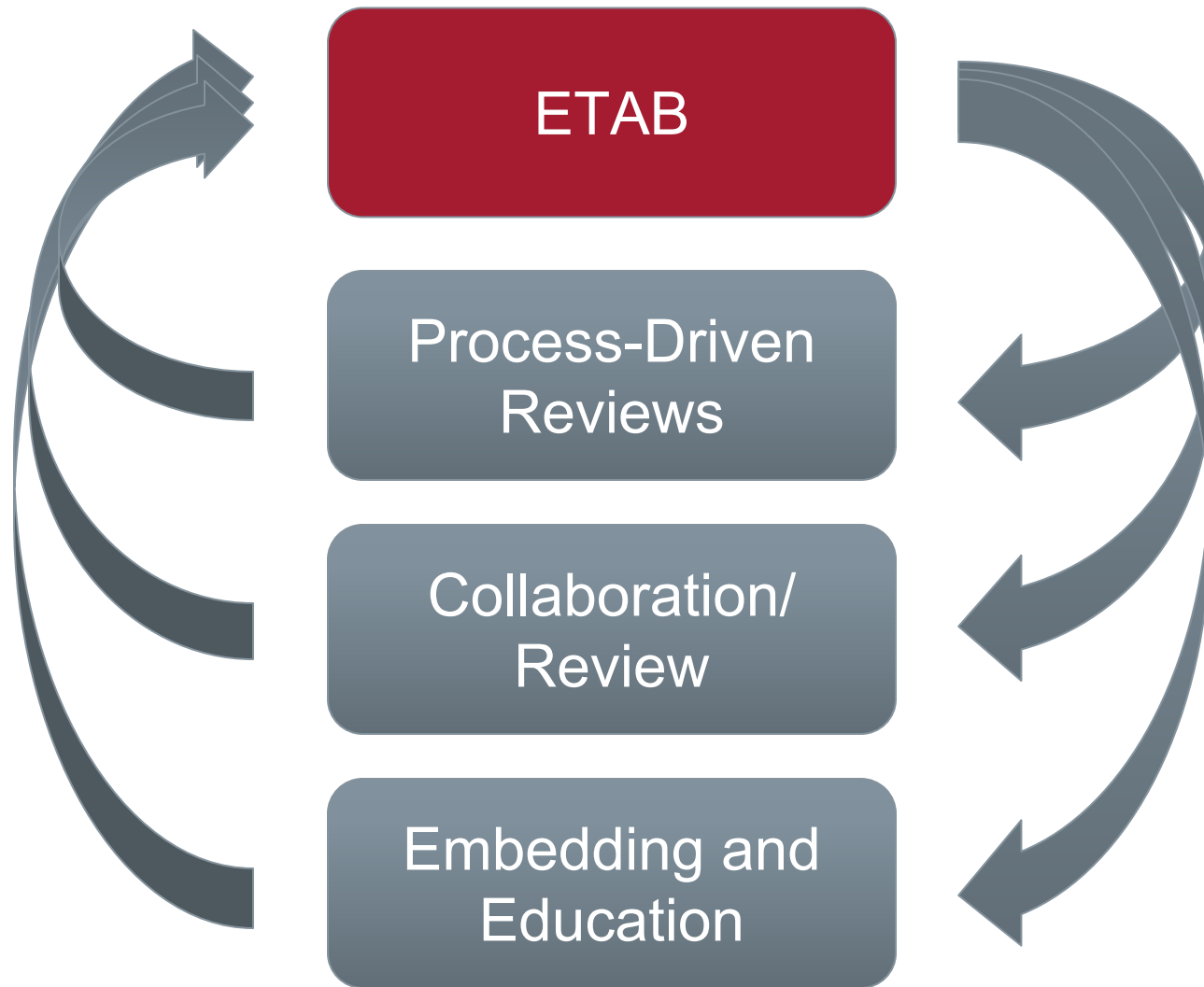
The Activity-Based model for EA at Harvard



The Activity-Based model for EA at Harvard



Key EA Activity: ETAB



Architecture Board Vision

Our Vision for the Enterprise Technology Architecture Board

Implement an inclusive process that guides project teams across Harvard by researching and making key technical decisions and by exposing opportunities for technology alignment and optimization and sharing of knowledge.

Strategic Objectives

- Define an IT architecture governance process that provides technical guidance and constraints where they would be useful
- Implement a process that is useful for Harvard as a whole
- Implement a process that is nimble
- Implement a process that is recognized as accessible and transparent
- Include mechanisms to endorse and publicize work of implementation teams
- Leverage collaboration tools

Guiding Principles

- Decisions are precedent, not immutable laws
- Decisions, and the rationales behind them, must be published and shared
- Wide input is solicited before decisions are made
- Aim for architectural and operational simplicity
- Minimize the number of standard platforms

Key Performance Indicators

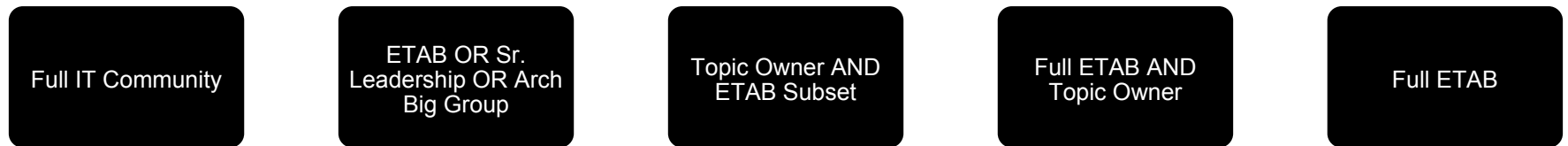
- Alignment with decisions in future projects
- Engagement across Harvard – number of teams/programs/projects represented in decision backlog
- Time to produce decisions

Key EA Activity: ETAB

Activities



Participants



Deliverables



ETAB Core Members

| Member | Representing |
|------------------------|---------------------------|
| Jason Snyder | CTO Office |
| Ann Lurie | Architecture Team |
| Claude Daoust | Administrative Technology |
| Scott Kearney | Administrative Technology |
| Prabhakar Ramakrishnan | Administrative Technology |
| Mike Thomas | Administrative Technology |
| David Faux | Administrative Technology |
| Gordan Minyard | Administrative Technology |
| Kurt Levitan | Endpoint Systems |
| Chris Nadeau | Service Desk |
| Bill Knox | Information Security |
| Harry Hoffman | Information Security |
| James Cuff | Research Computing |

ETAB Core Members

| Member | Representing |
|------------------------|--|
| Justin Riley | Research Computing |
| Carolyn Brzezinski | SIS Program |
| Joe Bruno, Ron Hawkins | SOC |
| Tom Vachon, Rob Ruma | Cloud/DevOps Program |
| Carolyn Brzezinski | SIS Program |
| Tim Gleason | IAM |
| Mahbub Rahman | IAM |
| Anthony Moulen | LTS |
| Raoul Sevier | Enterprise Architecture |
| Jon Saperia | Enterprise Architecture |
| Scott Bradner | Enterprise Architecture |
| Mike Lawrence | Enterprise Architecture, User Experience |
| Jefferson Burson | NOC |

ETAB Kick-Off Meeting

- The first meeting of core ETAB members is scheduled for April 5, 3 PM
- The meeting's agenda will focus on:
 - Introducing the ETAB process to core members
 - Member introductions
 - Brainstorming of possible ETAB backlog items for future exploration

HEAT Projects

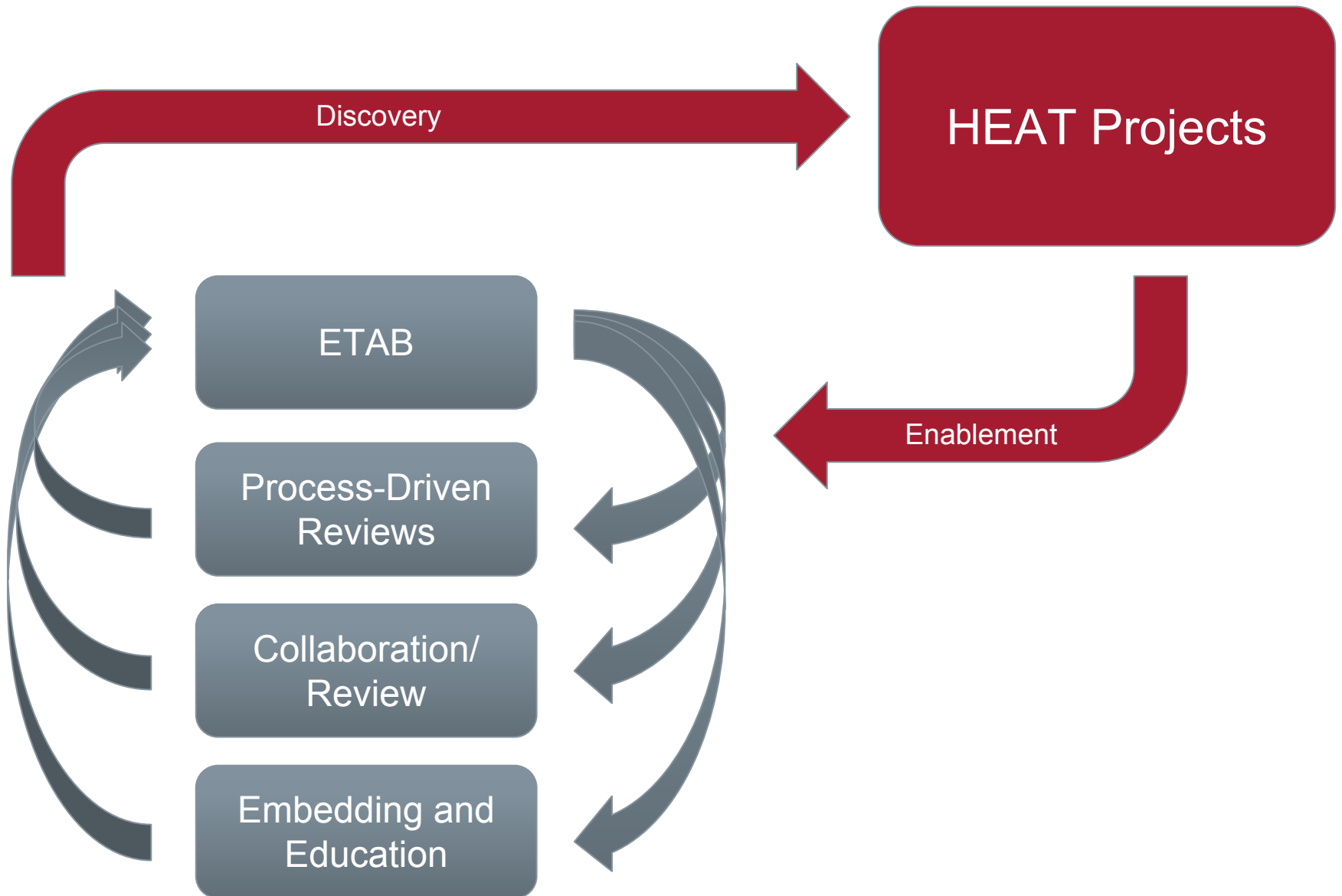
“We all agree that we need to solve this problem but...”



HEAT Projects

- HEAT projects
 - HEAT projects arise from a specific problem statement: “We all know that this problem needs to be solved across the University, but doing the right thing is impossible without CIO Council sponsorship and enterprise architecture partnership.”
 - HEAT projects enable EA by creating conditions for teams to do the right thing
 - Outcomes include enterprise directions
 - Example: I-9 would require defining *for the university* how to solve a particular use case

HEAT Projects



Questions or comments?

Thank you!



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