

# MIT IT Leaders Meeting

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June 22, 2015

Future  
of IT  
@MIT

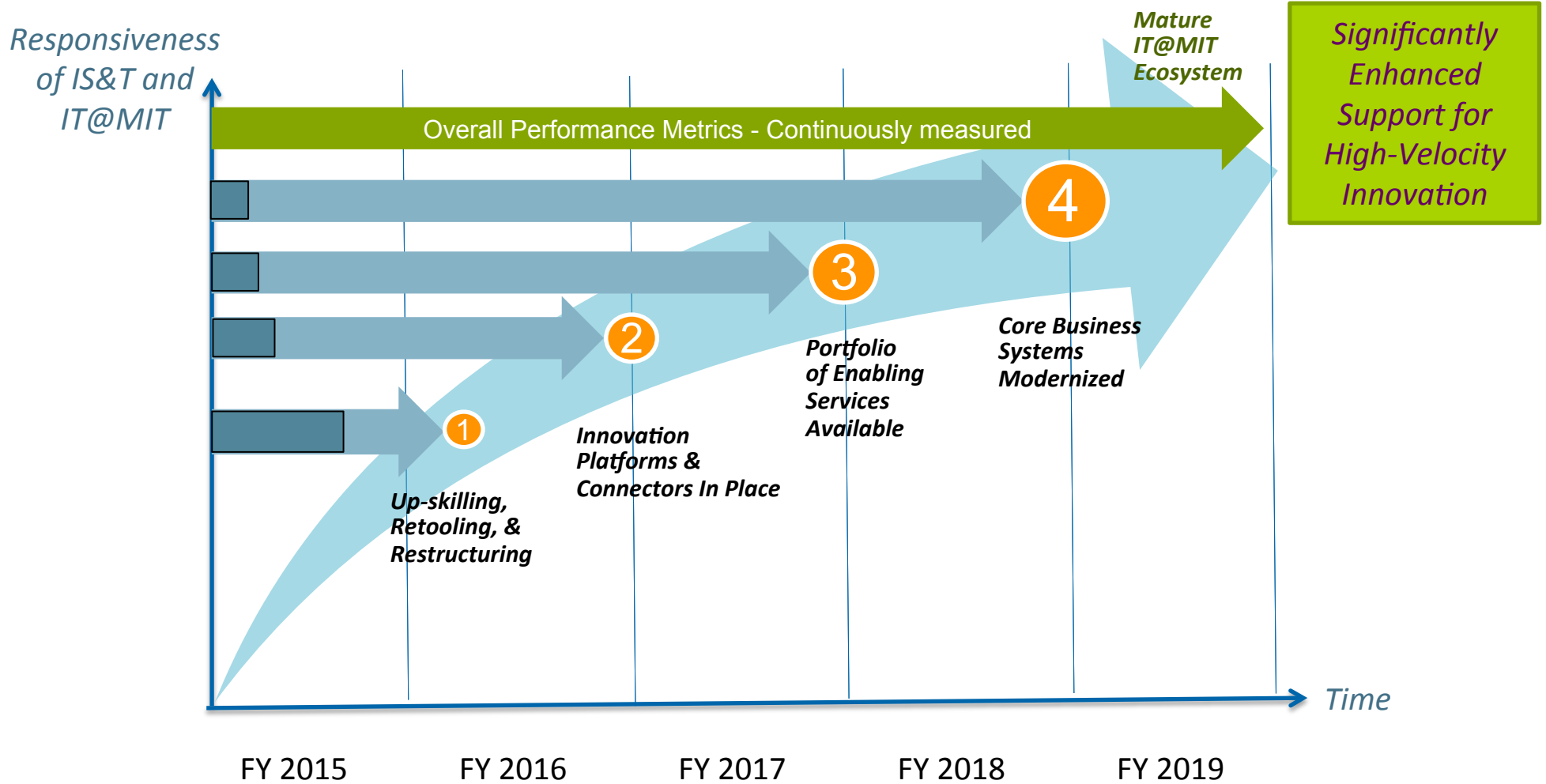
# Agenda

- IT@MIT Transformation Update
- What the Transformation can mean for DLCs & Admin Units
- Thoughts and Discussion: New Engagement Models for IT Leaders?

## IT@MIT Transformation Metrics

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# IT@MIT Transformation Milestones



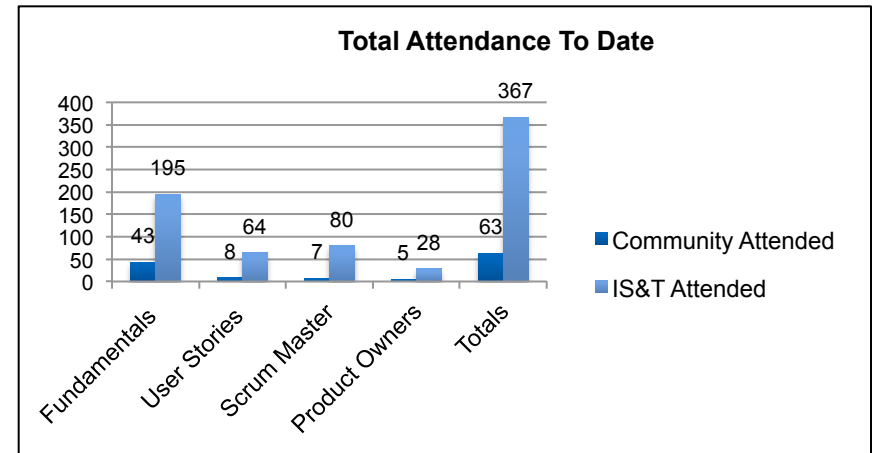
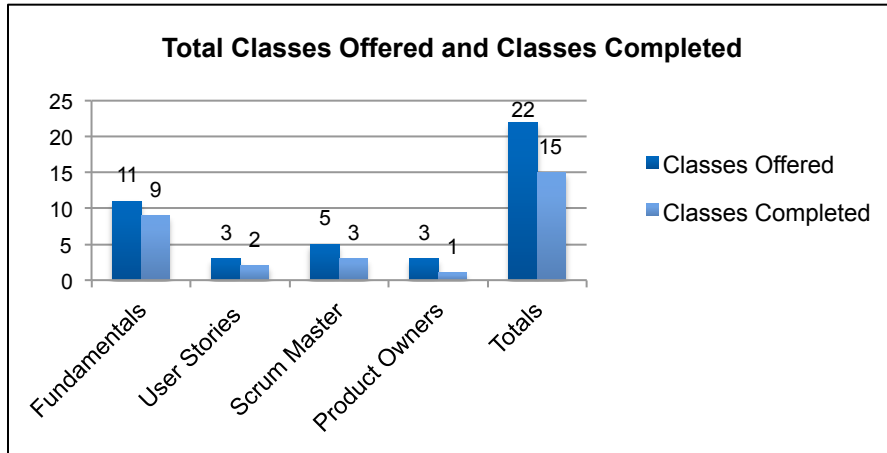
# Milestone 1 Metrics: (Up-Skill, Retool, Restructure)

As of May 15, 2015

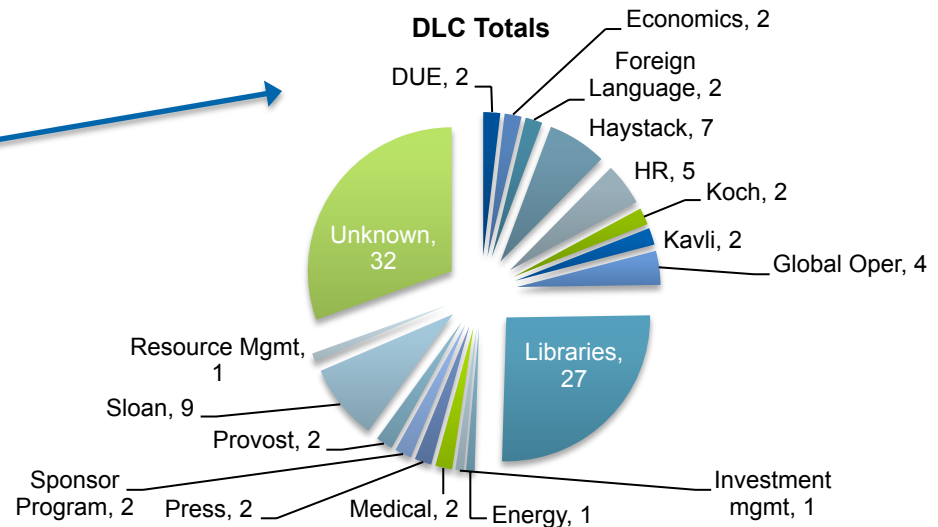
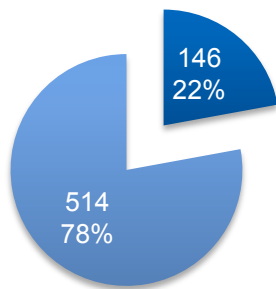
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	KPI	Metric	Target	Computation	Progress to Date (as of 5/15/15)	Status (on track to meet Target by Milestone 1 Date)
People 	Transition Affirmation	% staff affirming their transition is complete	100%	# of staff stating their personal transition is complete / Total # of full time permanent staff	66% (staff affirmed)	Receiving additional attention
		% managers affirming their team transitions are complete	100%	# of managers affirming / Total # of managers		
	Staff Up-skilling	% staff that have completed overview training for appropriate agile methodologies	100%	# of staff who have completed overview training / Total # of full time permanent staff	19% (52/275)	On track
Process 	Community Engagement Model	% completion for initial definition/ version of community engagement model	100%	% of completion as viewed by IS&T leadership and initial community participants	10%	On track
	Agile Adoption	% of projects fully using Agile	50%	# of agile candidate projects fully using Agile / Total # of agile candidate projects	20%	On track
Infrastructure 	DevOps Adoption	% adoption of orchestration and provisioning tools	85%	# of provisioning using DevOps tools / Total # of provisioning	15%	On track
	Platform/API	% completion for initial definition/ version of Platform/API architectural model	100%	# of completed architecture definitions / Total # of definitions needed for Platform/API model	70%	On track
	Core Systems	% completion of updated roadmaps and architectural models for: <ul style="list-style-type: none"> <li>Admin Systems</li> <li>Education Systems</li> </ul>	90% 90%	% complete % complete	40% 80%	On track

# Agile Training Stats



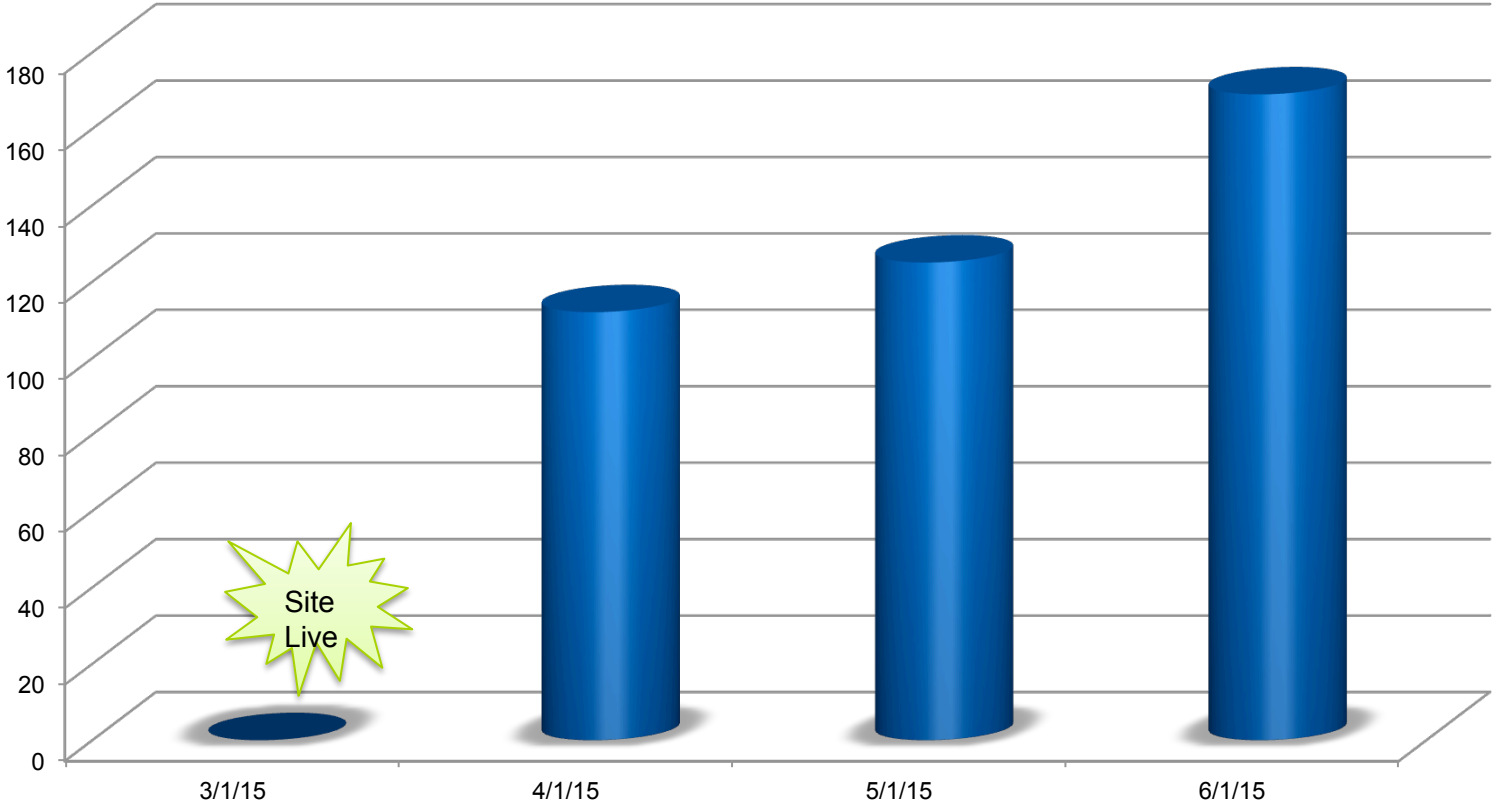
Total # of Staff who Completed Courses & Registered for Future Courses



\*As of 6/18/15

# Agile Training Stats




# of IT@MIT Scrum Inc. Site Logins



# Milestone 1 Metrics: (Up-Skill, Retool, Restructure)

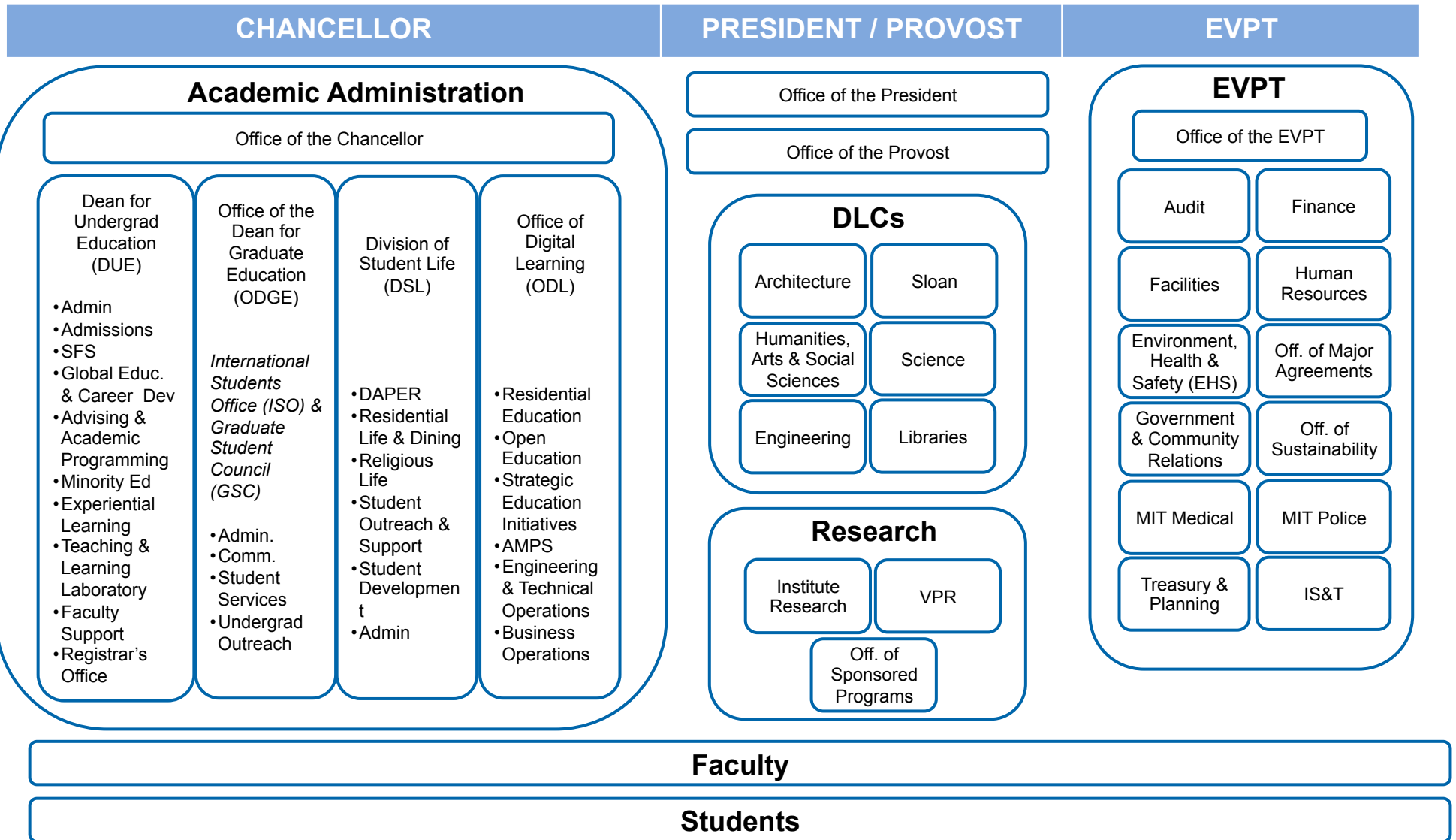
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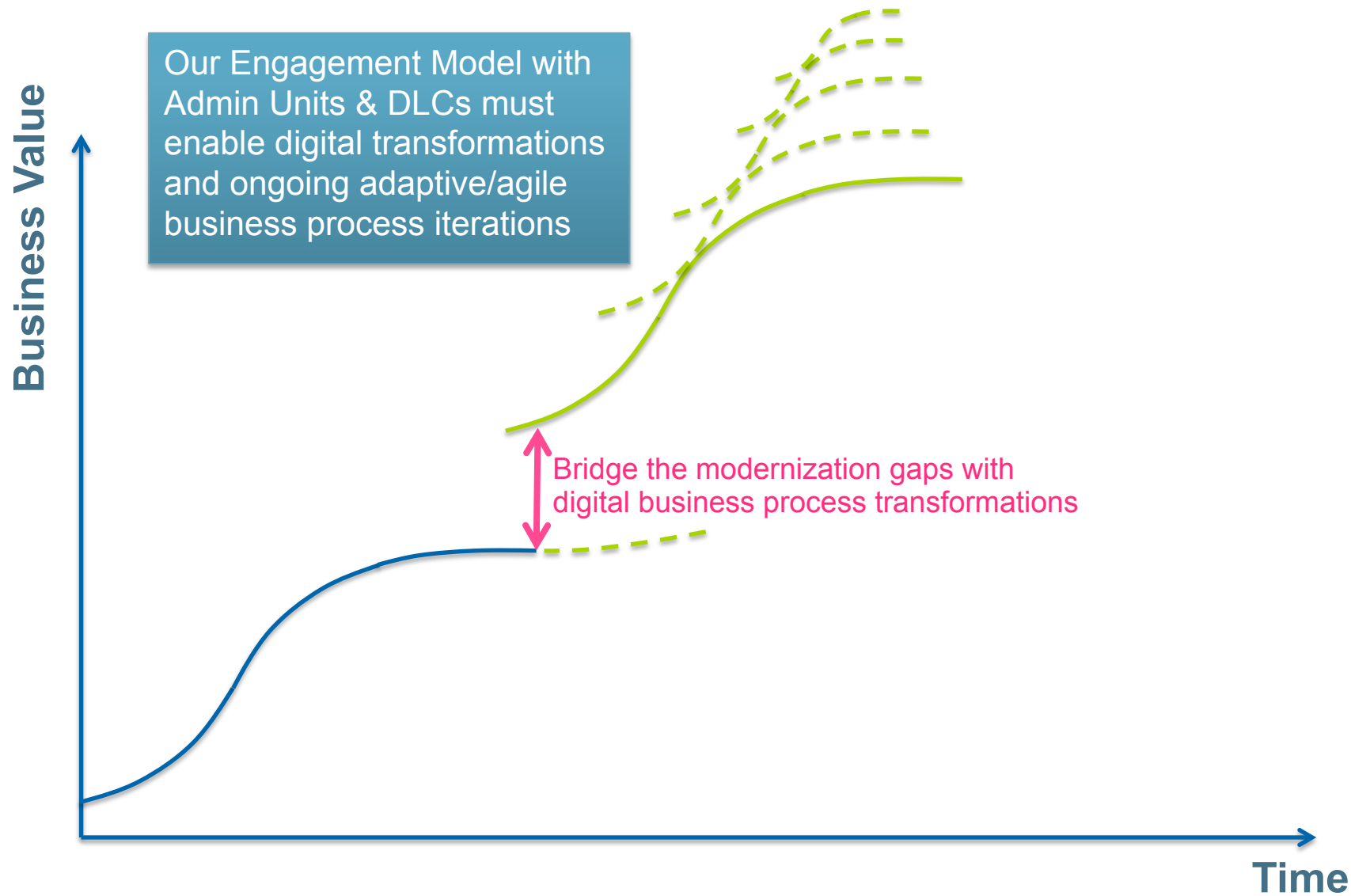
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# MIT Community Working Model



# IT Value Chain: Turning Technology into Digital Transformations...



# What's Next

- Finalize initial draft model in June, incorporating feedback
- Identify community pilot candidates and sequence
- Propose teams to deliver and support pilots and engagement model
- Rapidly iterate through several pilots and adapt and refine model
- Test agile methodologies and process improvement part of model with pilots
- Community and IS&T communication plan (iterate communications with pilots)

May		June		July		August		Sept		Oct		Nov		Dec	
Define & finalize draft model															
				Pilot 1		Learn	Revise	Learn	Revise	...					
						Pilot 2		Learn	Revise	Learn	Revise	...			
								Pilot 3		Learn	Revise	Learn	Revise	...	

## What the Transformation can Mean for DLCs and Admin Units...

## Important Considerations for DLCs & Admin Units...

### ■ When can DLC & admin unit IT service providers get involved?

- IT teams are welcome to opt-in at anytime, participate in process/model/architecture restructuring – and take full advantage of Institute/IS&T scheduled (and funded) training

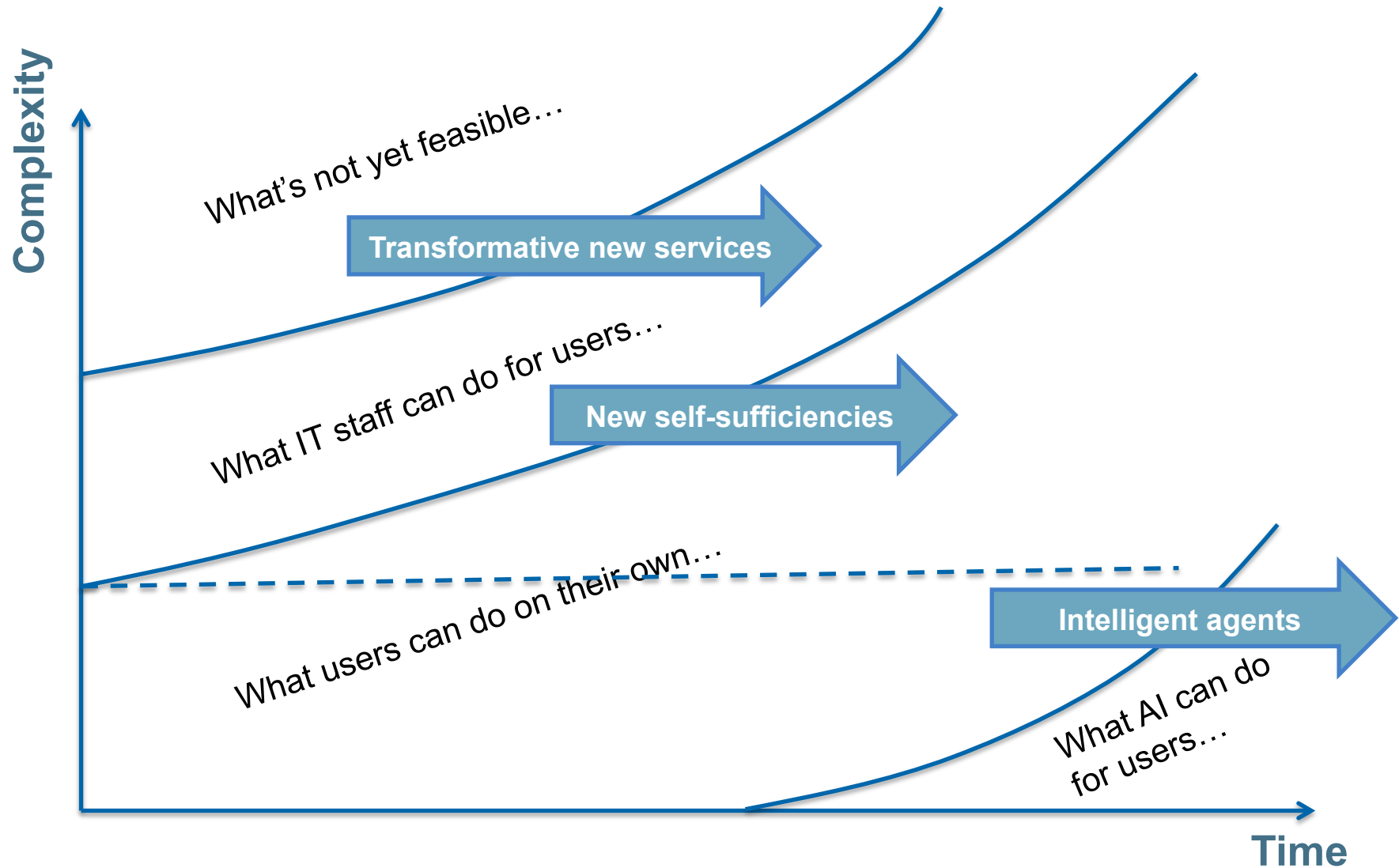
### ■ Will DLCs & admin units have access to the new tools & platforms?

- Yes, the Institute/IS&T plans to license each new tool & platform for Institute-wide use – enabling access by individual students, faculty, researchers, and staff, as well as by all IT teams

### ■ How could the new architecture and operating model create wins for DLC & admin unit IT teams?

- IT teams will be able to replace some (perhaps many) of their “shadow systems” with modern mobile-ready apps sitting on top of (and connected through APIs to) Institute systems-of-record
- IT teams will be able to leverage Institute/IS&T-provided compute and storage platforms to reduce some of their existing “keeping-the-lights-on” workloads & costs – thereby enabling the shift of resources and attention to higher-value functions
- IS&T’s transformed focus on collaborating in agile ways with innovation teams across the Institute will make it possible for DLCs & admin units to more easily tap into a wider array of resources as they strive to relieve pain-points for their constituencies

# IT Value Chain: Empowering Users...



## Enhancing the Effectiveness of Engagement with IT Leaders

## Some questions for IT Leaders to consideration...

### ■ **Should we create:**

- A *proactive* engagement model for DLC & admin unit IT team leaders?
- A *passive* engagement model for DLC & admin unit IT team leaders?
- A *bimodal* model that enables both types of engagement?

### ■ **How could we give more effective voice (concerning processes, models, architectures, etc.) to DLC & admin unit IT team leaders?**

- Formalize membership and select co-chairs to “speak” for the group?
- Solicit volunteer/guest bloggers for the Future of IT@MIT website?

### ■ **What would incent greater engagement from DLC & admin unit IT team leaders?**

- Business value presentations from DLC & admin unit administrators?
- Grants or seed-funding for DLC & admin unit transformation proposals?
- Competitions, prizes, etc.?
- Individual &/or team badges, certifications, awards, etc.?



Any closing comments or questions?

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