

## Tracy L. Bannon ("Trac")

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### Who Am I?



/trās/









## Differing Viewpoints

- Complex process problem
- Multiple stakeholders
- Time criticality
- Differing opinions on current state
- Points of view are from different vantage points





# Start by problem framing

Apply Human
Centered
Design
techniques

Together, explore the problem space and formulate a robust problem statement

If we don't agree on the problem, we can't solve it together

Ensure you're solving the right problem

# Problem Statements and Value Stream Discovery

- Rapid Value Stream Mapping is a collaborative effort
- Requires an agile mindset
- Time-boxed
- Focus on surfacing the AS-IS process
- Uncover the minimum information necessary to identify waste and opportunities
- A tool and not a goal

**Problem Framing Canvas:** 

#### MITRE | Innovation Toolkit

#### **Defining the Right Problem**

- 30-second exercise if team is on same page!
- May require some collaborative conversations with other folks to broaden your perspective.
- Requires a facilitator who knows how to lead the discussion to help the team
  - broaden their thinking
  - understand assumptions & biases they inherently bring with them,
  - think of non-primary populations/stakeholders that may be impacted

Look Inward	What is the problem?  Describe it  List some symptoms	Why haven't we solved it?  ☐ It's new ☐ It's hard ☐ It's low priority ☐ Lack of resources ☐ Lack of authority ☐ A (situational) inequity ☐ Other:	What assumptions and biases surround this problem? Individual, system, explicit, implicit  Which of these might be redesigned, reframed, or removed?		When and where do they experience it?  What consequences do they experience?  How do lived experiences of the problem vary?		
	Who else has it? Colleagues, competitors, other domains, etc.	Who does not have it? Colleagues, competitors, other Comains, etc.	Who has been left out so far? Let's broaden our perspective	Who benefits whenthis problem exists?this p		its when this problem does not	t
Look Outward	How do they <b>deal</b> with it?	Why not?  Avoided  Mitigated  Solved  Transferred  Other:				exist?	
Reframe	Stated another way, the problem is:						
Refr	Make it actionable: How might we as we aim to						_?
(action that addresses the stakeholder/user problem) (objective / desired condition to be achiev							

https://itk.mitre.org/toolkit-tools/problemframing/

itk.mitre.org | itk@mitre.org

Problem Framing Canvas V3

### **Critical Success Factors**



Be comfortable with ambiguity

You will not have all the information



Have the right people involved

Involve people who have the information and can commit to participating



Clearly define your initial scope

Start with the 'as-is' and keep conversations focused on the 'as-is' to start



**Explicitly communicate** your goals and purpose

Explaining the "why" is imperative to getting full participation from all team members

## Rapid Value Stream Mapping

#### Prepare

- Clearly articulate goals and purpose
- Identify key participants who know the process domain
- Start with simple lifecycle
- Pick the meeting style and tools

#### Execute

- Schedule and conduct 90 minute timeboxed session
- Use "Magic Happens" to table deep dives on single steps
- 2-3 sessions may be needed but seek to keep as small, focused, and rapid as possible

#### Analyze

- Organize the data visually
- Investigate the pain points
- Look for waste
- Identify barriers to flow

#### Recommend & Act

- Share the findings and openly and transparently
- Ruthlessly prioritize the next steps
- Set a simple, reasonable measurement to gauge and tune the effectiveness of the change



## **Prepare**

- ✓ Clearly articulate goals and purpose
- ✓ Identify key participants
- ✓ Start with simple lifecycle skeleton



- ✓ Pick the tool to match audience location
- Co-located? Use physical whiteboard, pens, and sticky notes
- Remote? Use online whiteboard
  - Mural
  - MS Teams Whiteboard
  - Zoom Whiteboard

To foster inclusivity, avoid hybrid meetings.

## **Execute: Typical Discussion Topics**

**Process** Step Name

Ownership or responsible party

#### Time

- •Lead Time (LT): the elapsed time from the moment the work is made available to an individual/time until it has been completed
- Process Time (PT): the time it takes people to complete the process/activity

#### **Pain Points**

- •What slows down the process?
- •What could enable the process to move more efficiently and/or effectively?

#### **Dependencies**

Are there dependencies that

#### **Tools**

- •What are the costs of each tool?
- •Who owns the tools?
- •What environment are the tools in?

**Magic Happens Here** 

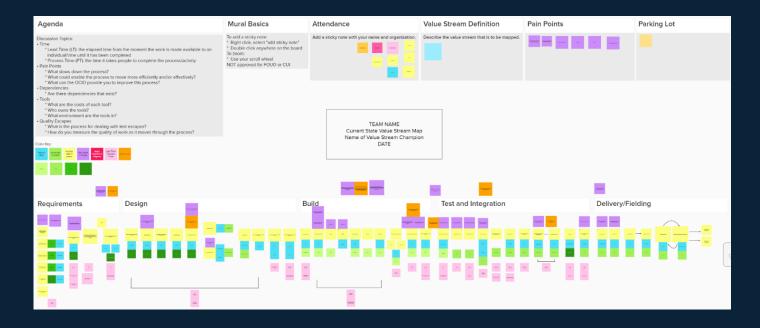


✓ Have and use a parking lot!



## **Analysis:**

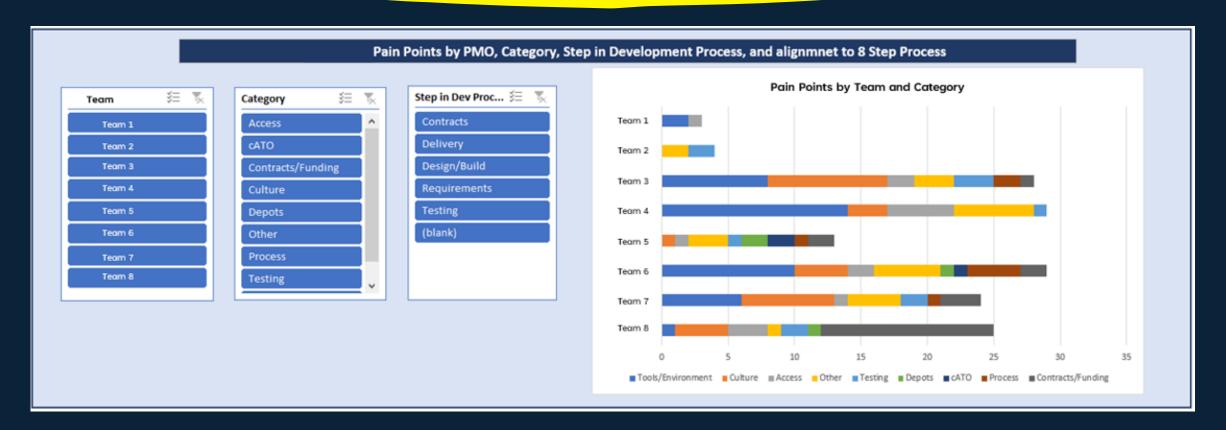
## Apply a Qualitative and Quantitative Lens



When the session is over, snapshot the whiteboard to preserve

- Organize data visually logically group by theme, team, process step, or other logical categories that emerge
- Analyze pain points: often pain points may be differently phrased description of the same issue
- Look for process improvement opportunities
- Identify barriers to flow

## Focusing on Pain Points Complements rVSM





## Be Outcomes Focused



Understanding and process documentation



A baseline to know where we are so we can decide where we go

- Documented process flow
- Recurring pain points
- Rapidly gathered action items for next FY



Data to improve the flow of value



**Data** to shape the service offerings



Metrics and measures that matter



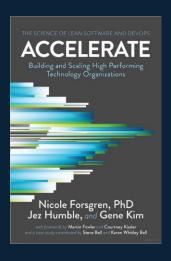
**MITRE** 

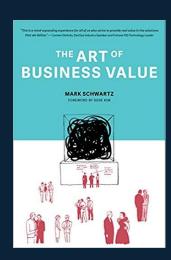
# Rapid discovery leads to rapid action

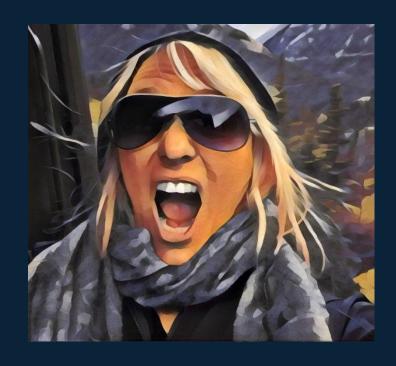
#### Resources

The Innovation Toolkit (ITK): <a href="https://itk.mitre.org/">https://itk.mitre.org/</a>

The Value Stream Management Consortium: vsmconsortium.org







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