

Generative Value Streams

When Code is not a Constraint

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Mylyn

{ code at the speed of thought }

Mik Kersten, Mylyn Lead, Tasktop CTO

Flow + Focus = :-)

Friction + Distraction = :-(

Friction :-(

- Machine slowness
- Administration
- Constant searching

Distraction :-(

- Multitasking
- Interruptions
- Email overload

Where does the day go?



55%



Faster Coding



46%

 /  Code written

75%



More fulfilled

Sea Change in Software Development: Economic and Productivity Analysis of the AI-Powered Developer Lifecycle

Thomas Dohmke
GitHub

Marco Lansiti
Harvard
Business School and Keystone.AI

Greg Richards
Keystone.AI



Technological Revolutions

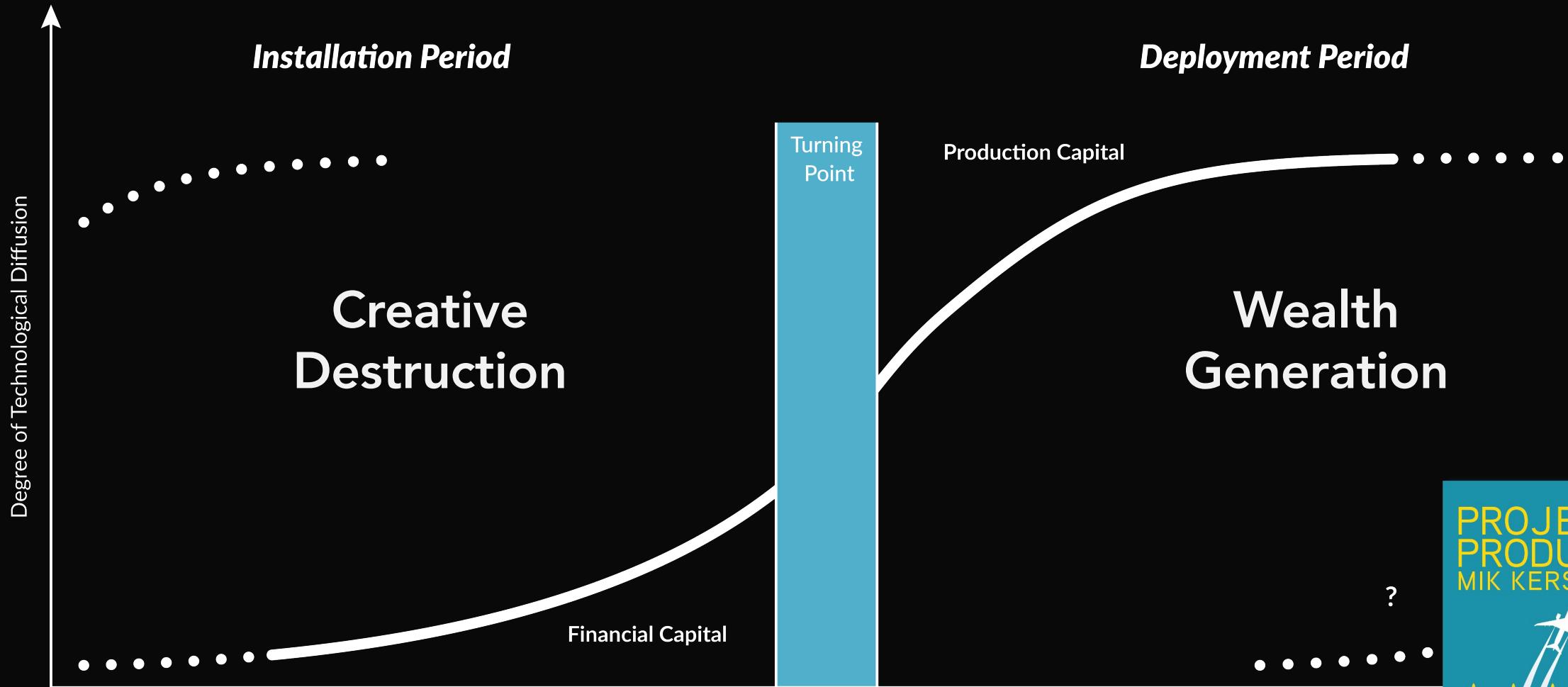
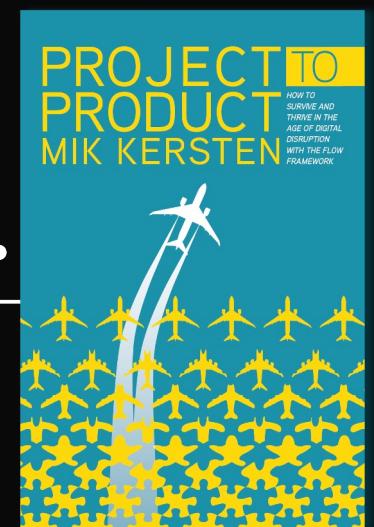


Figure: Adapted from Carlota Perez



Productivity Multipliers

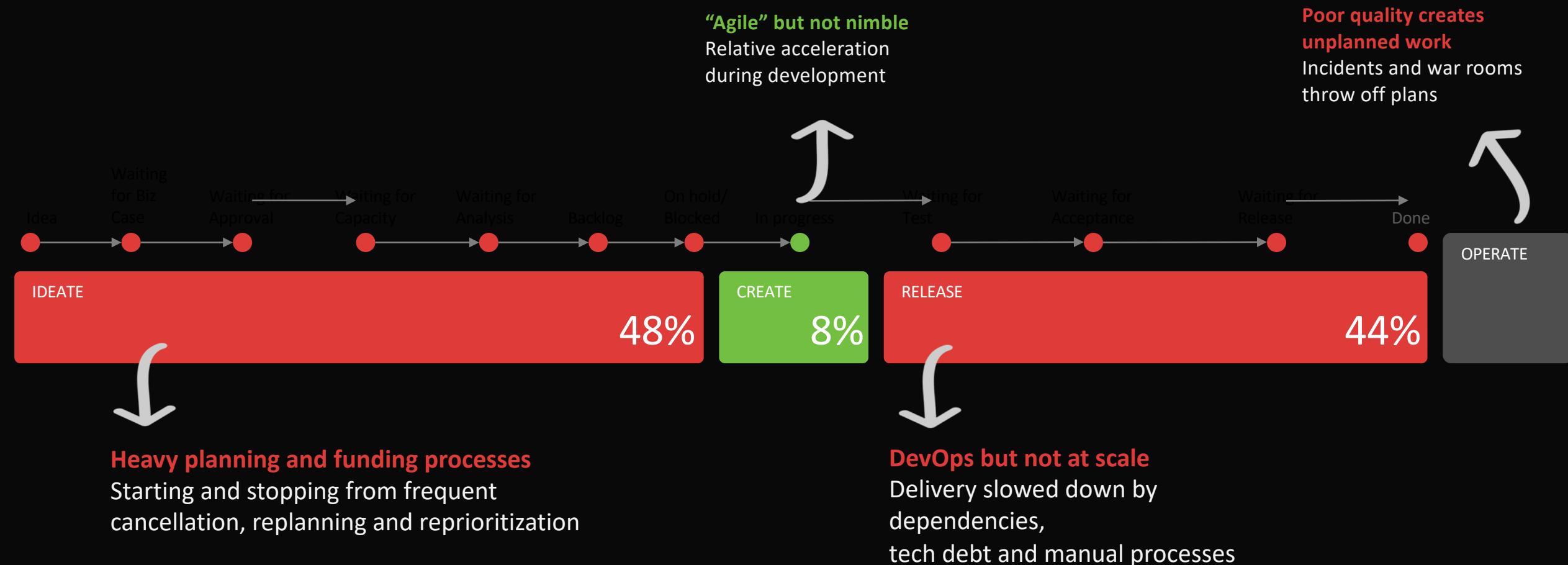
- Code agents
 - Value Stream agents
 - Strategy agents
- 
- People x machines, not people v machines*

Code agents

- Code generation & brushes
- Prompts become the code
- Auto-GPT modernization



System + survey data from 3,600 value streams



Source: Planview's 2023 Project to Product State of the Industry Report. Anonymized systems data was aggregated from over 3,600 value streams from 34 organizations using the Planview Viz™ product.

System + survey data from 3,600 value streams

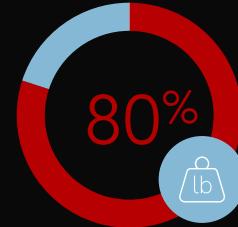
Business leaders believe IT teams can deliver **10X** more than their actual capacity



40% of team efforts are wasted due to overload and bottlenecks



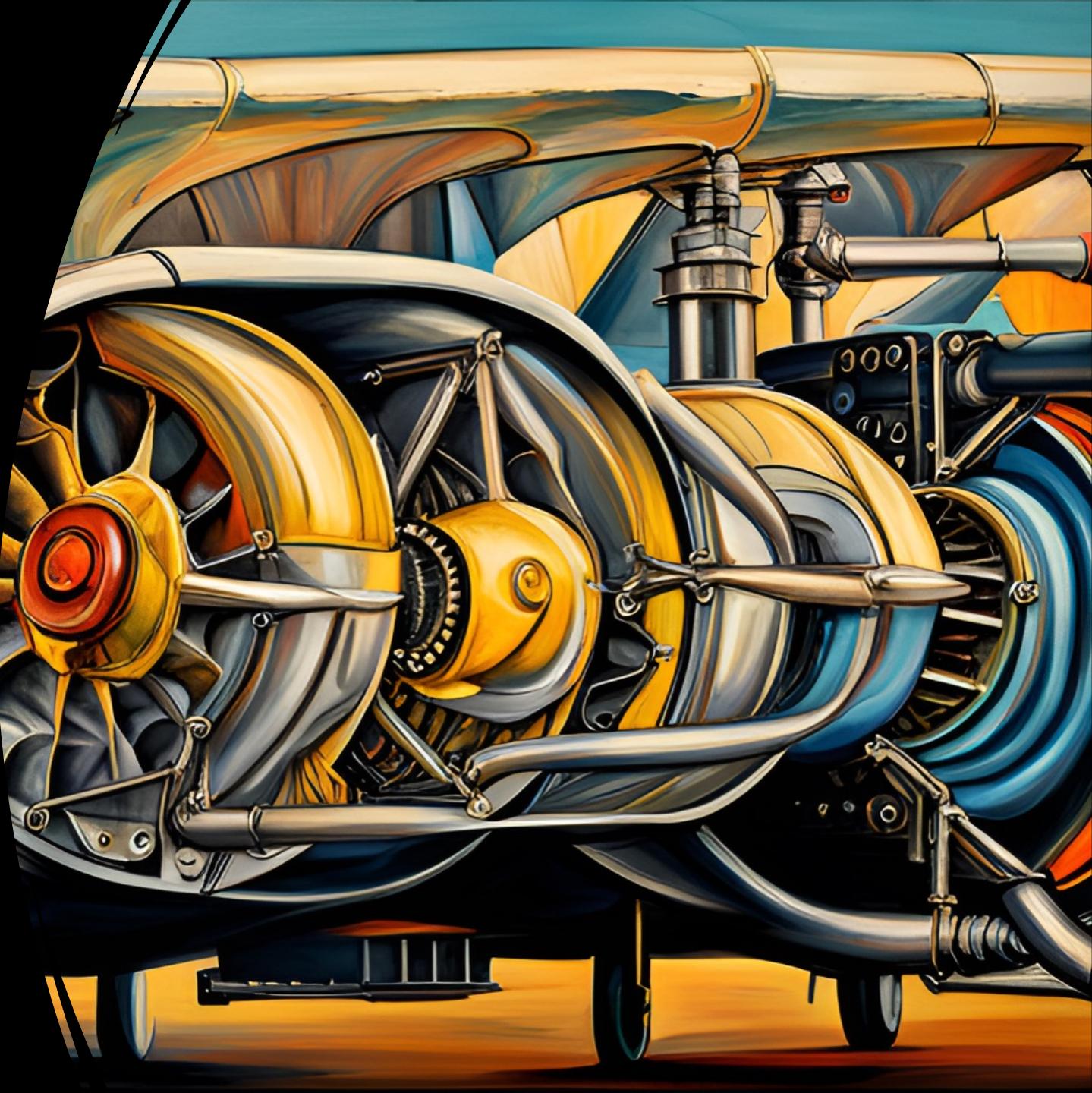
80% of value streams do not proactively invest in tech debt



Source: Planview's 2023 Project to Product State of the Industry Report. Anonymized systems data was aggregated from over 3,600 value streams from 34 organizations using the Planview Tasktop Viz™ product.

Value Stream agents

- Flow optimizations
- Roadmap management
- Auto delivery to OKRs





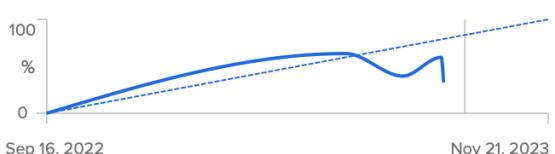
As of 10 minutes ago



OKR PROGRESS

Objectives Key Results

62% vs. 87% target average



In Progress Finished

2 Behind 2 On Track 1 Ahead

FLOW METRICS

Flow Load	↓ 15%	82		70
Flow Time	↑ 5%	40		42
Flow Efficiency	↓ 12%	25%		22%
Flow Velocity	→ 0%	12		12
Flow Distribution				



MY APPROVALS

P Approve Initiative New Portal UI

Requested 7 days ago

P Bryan Baldwin mentioned you in Global

Mobilization

3 days ago

P Approve Program Plan for High Priority Initiatives

Requested 2 days ago

P Cort Odekirk mentioned you in standup

Requested 2 days ago

Hello I'm Planview Copilot, your AI assistant for Connected Work. Your personal and company data are protected in this chat.

What should I be worried about?

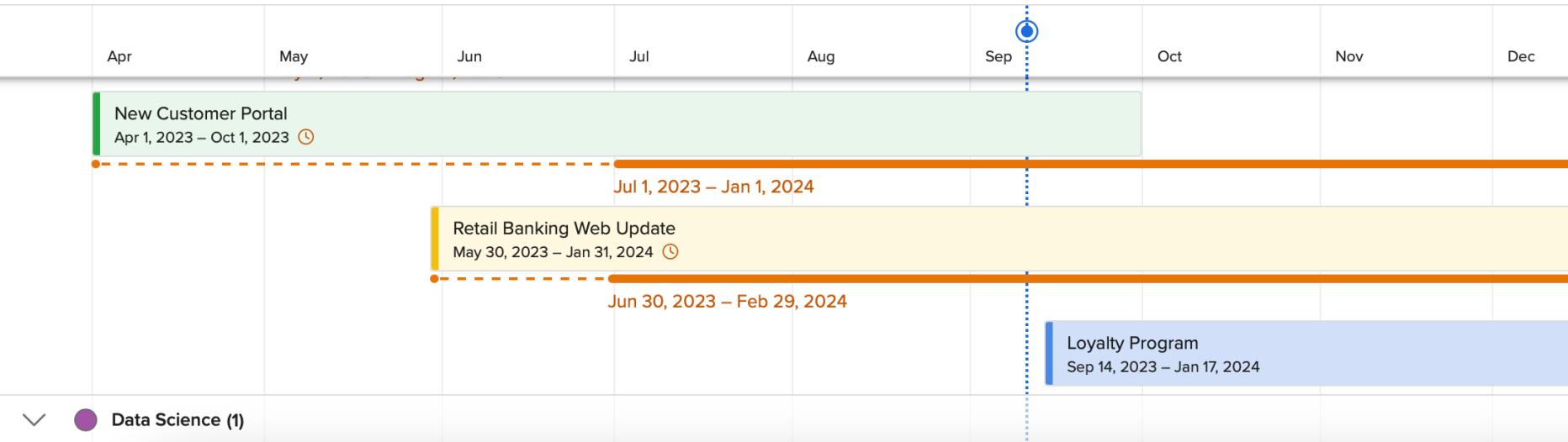
You should be concerned about the following:

1. Your team is overloaded as the Flow Load exceeds 1.5 times the Flow Velocity.
2. A significant amount of time is being spent on fixing defects rather than creating new features, indicating a possible quality issue.
3. Two objectives, "Improve Online Experience - Retail Banking" and "Enhance Cross and Up-Selling Opportunities", are behind schedule.
4. Several work items on the project roadmap and AgilePlace Cards have not started yet or are in progress but not completed, which could impact the overall project timeline.

→ 10:18 am

➡ What can I answer for you?

ROADMAP

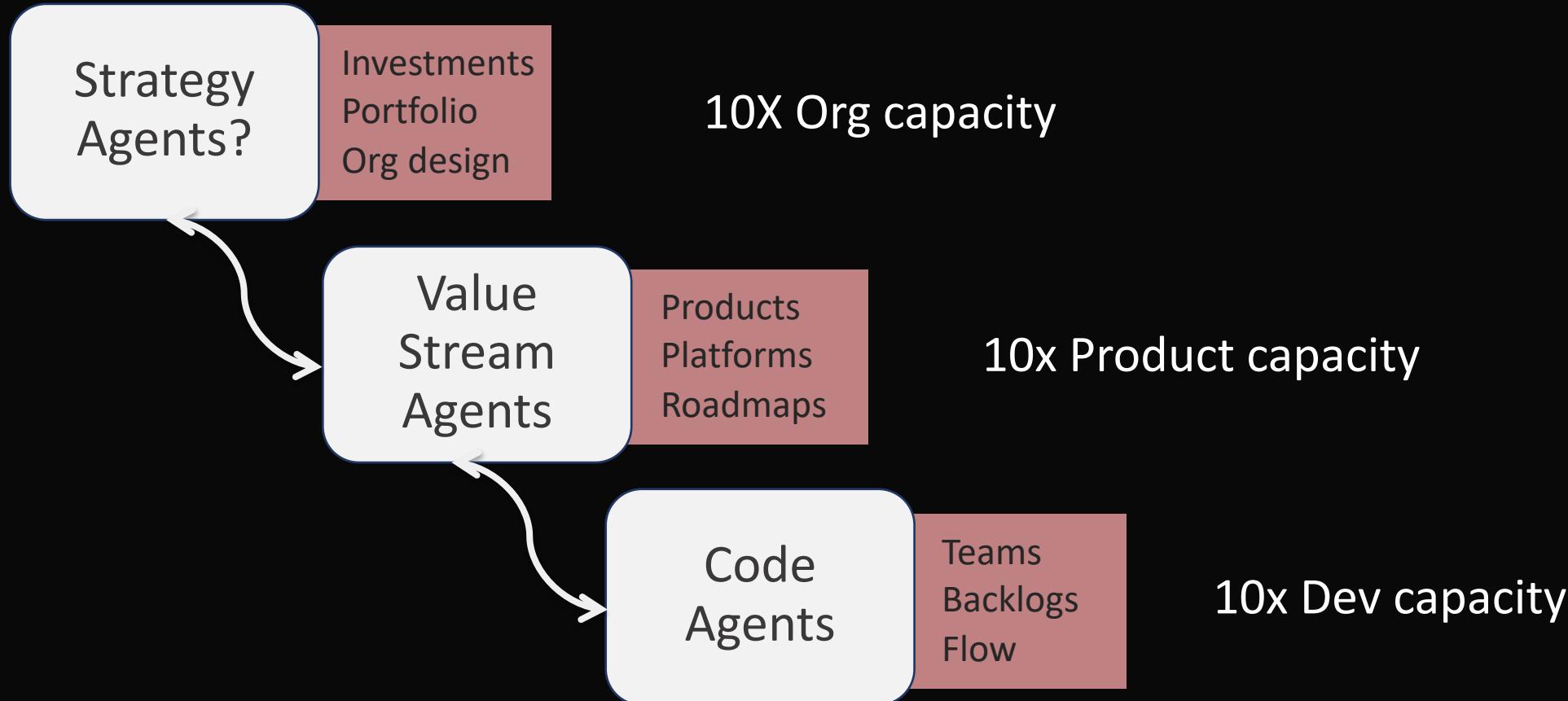


Strategy agents

- Technology optimization
- Org optimization
- Investment allocation



Scaling Productivity



Summary

- People x machines, not people v machines
 - Connect all work, from strategy to delivery
 - Adopt code agents immediately
 - Measure flow to make the economic case
-
- <https://flowframework.org>
 - <https://blog.planview.com>

