



Inner Source

Because, "none of us is smarter than all of us"

@ppremk

Open Source Software

Myths
vs
Benefits



VS



- Low Quality
- Less Secure
- No Support
- You need to open your code

- Reduce Time to Market
- Hiring/Retaining Top Talents
- Brand presence
- Leveraging advancements in tech

Define Open Source Strategy

Establishing Open Source Programs Office (OSPO)

- Open source methodologies !=
Conventional Business models

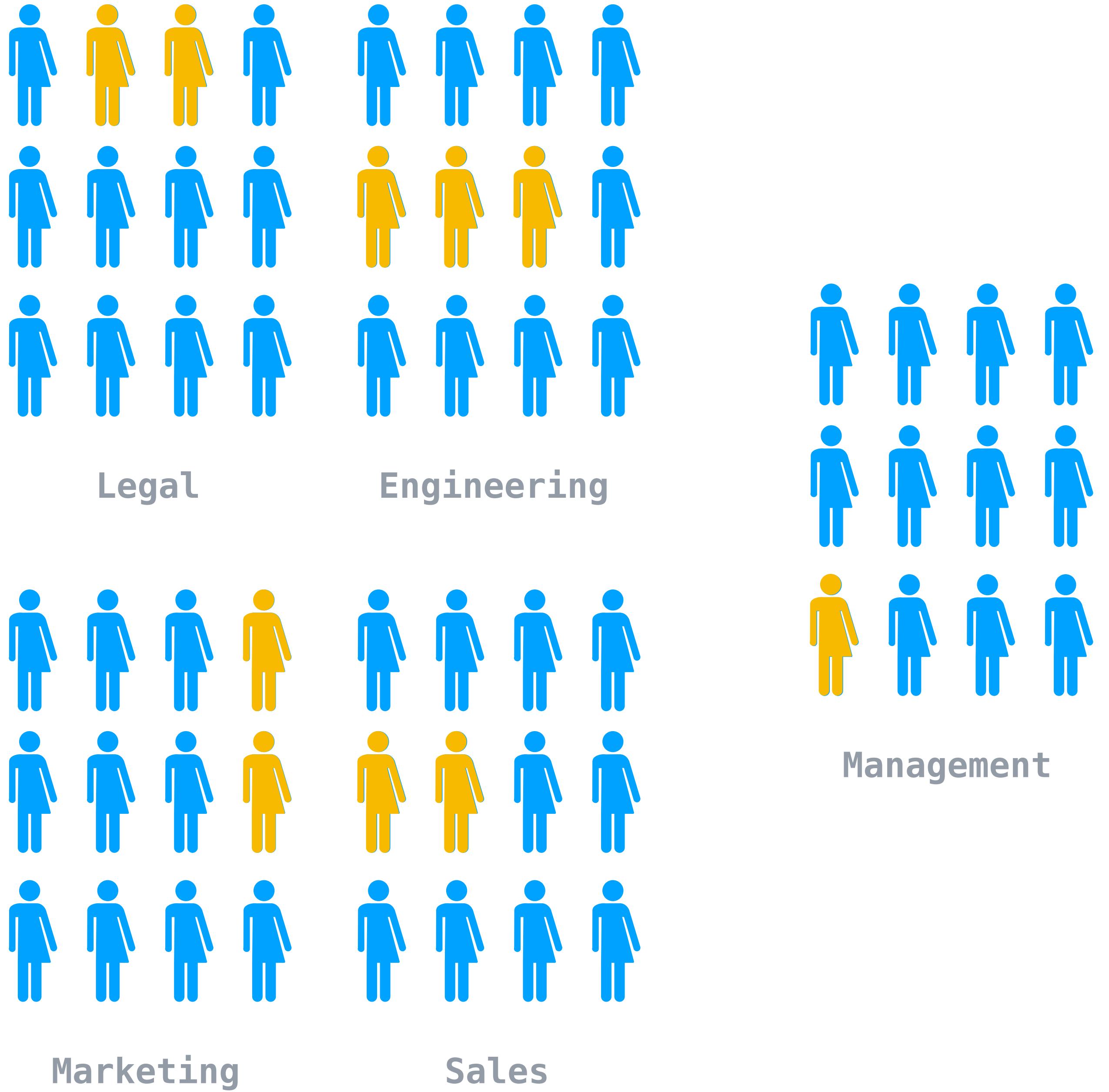
Why?

- Closed vs Open
- Opinionated views

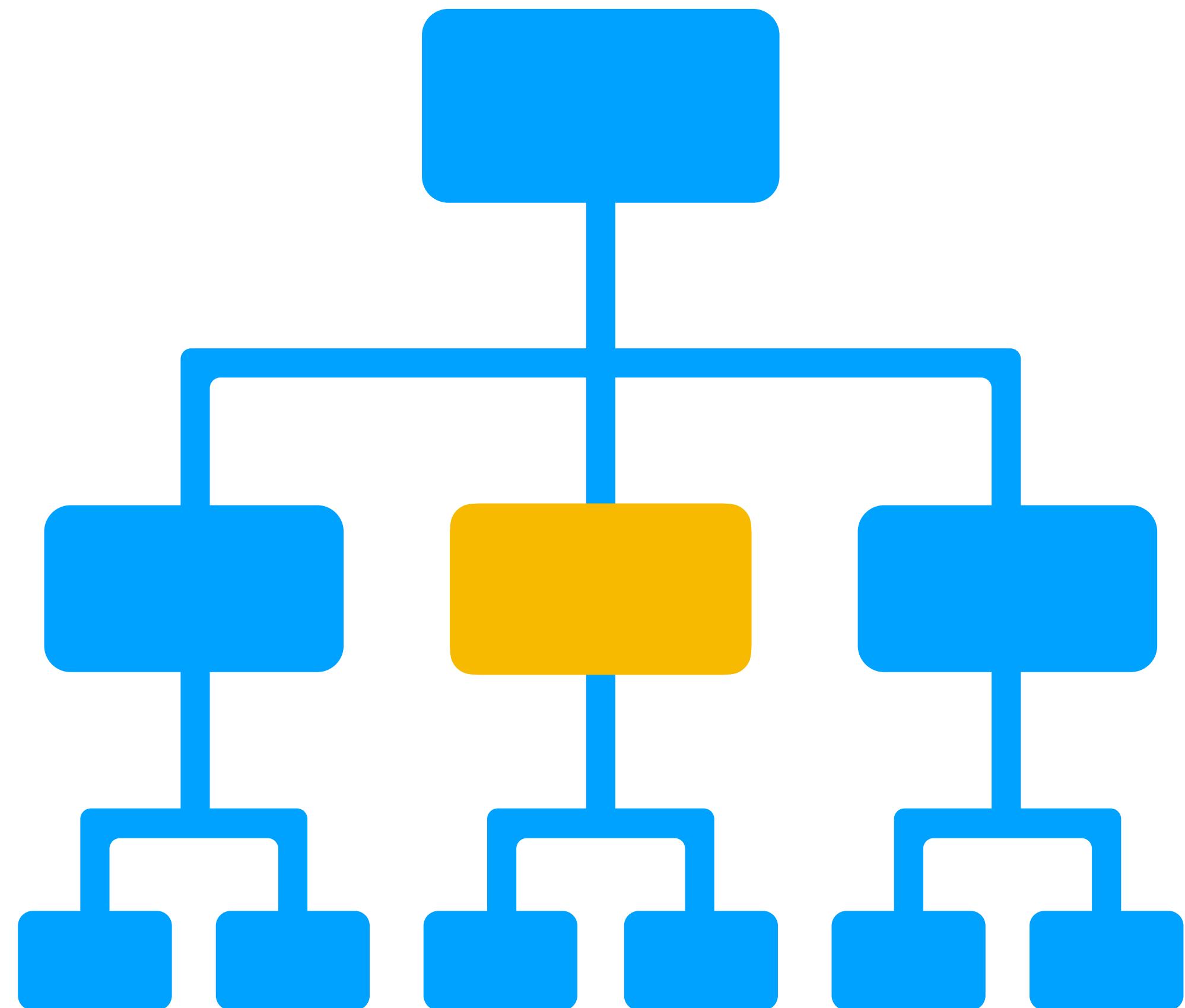
OSPO

- Provides alignment with the business goals
- Owns and runs the Open Source Software (OSS) initiatives
- Bridges the gap within and outside of the Enterprise

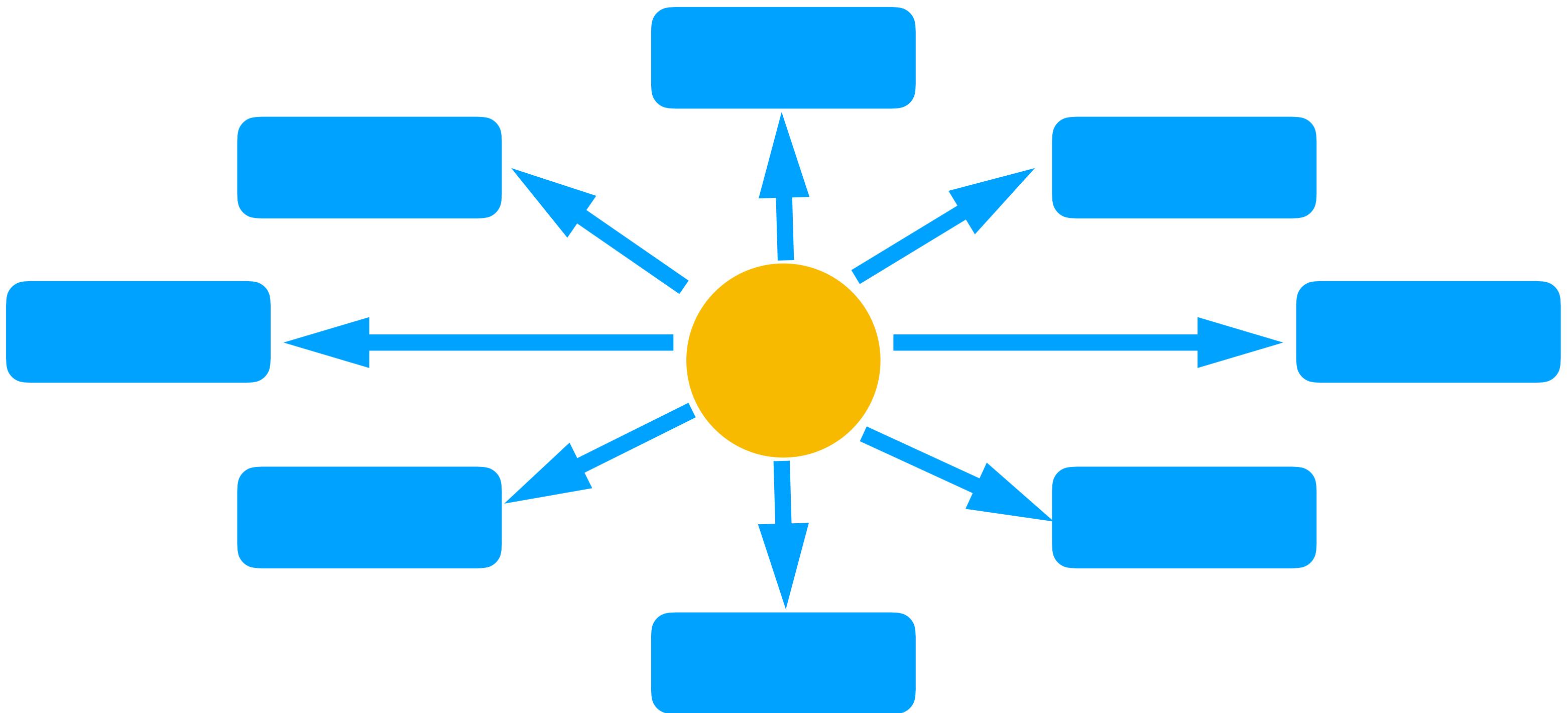
Potential Structure of OSPO



Management and OSPO



Management and OSPO



Common Open Source Workflow in Enterprises

Using Open Source Software

- Assess Potential OSS Software
- Comply with the License
- Manage the Community Code
- New Reward Structure

Contributing to Open Source Software

- Share the Vision
- Mentoring
- Contributing Guideline
- Promote Open Communication
- Hire from the Community

Launching an Open Source Software

- License
- Open from start
- Release Early Release Often
- Transparent with Decisions
- Lower the barrier to collaborate
- Monitor metrics that matter

Monitoring Open Source Initiatives

Paying it forward
to the
Open Source community

Definition of Inner Source?

Benefits of Inner Source

Developers

Organizational collaboration

Continuous Integration

- Code reuse across the organization grows immensely

- Cross-team collaboration becomes relatively frictionless

- Development becomes faster

- Quality documentation is discoverable

How to Inner Source?

Increase transparency

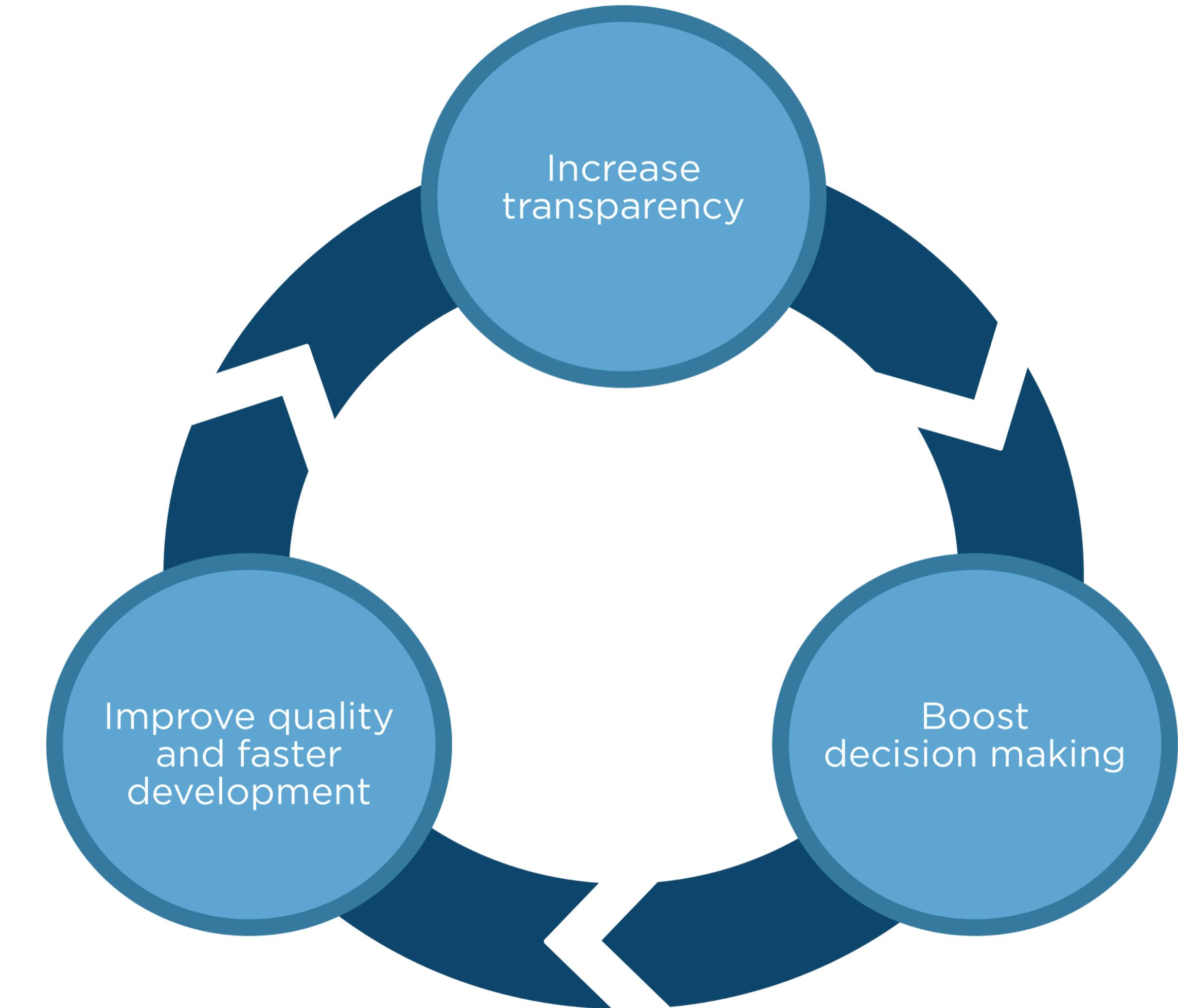
- Refined Permissions
- Maintained discoverable Documentation
 - Discussions and decisions
- Established roles to maintain ownership

Boost decision making

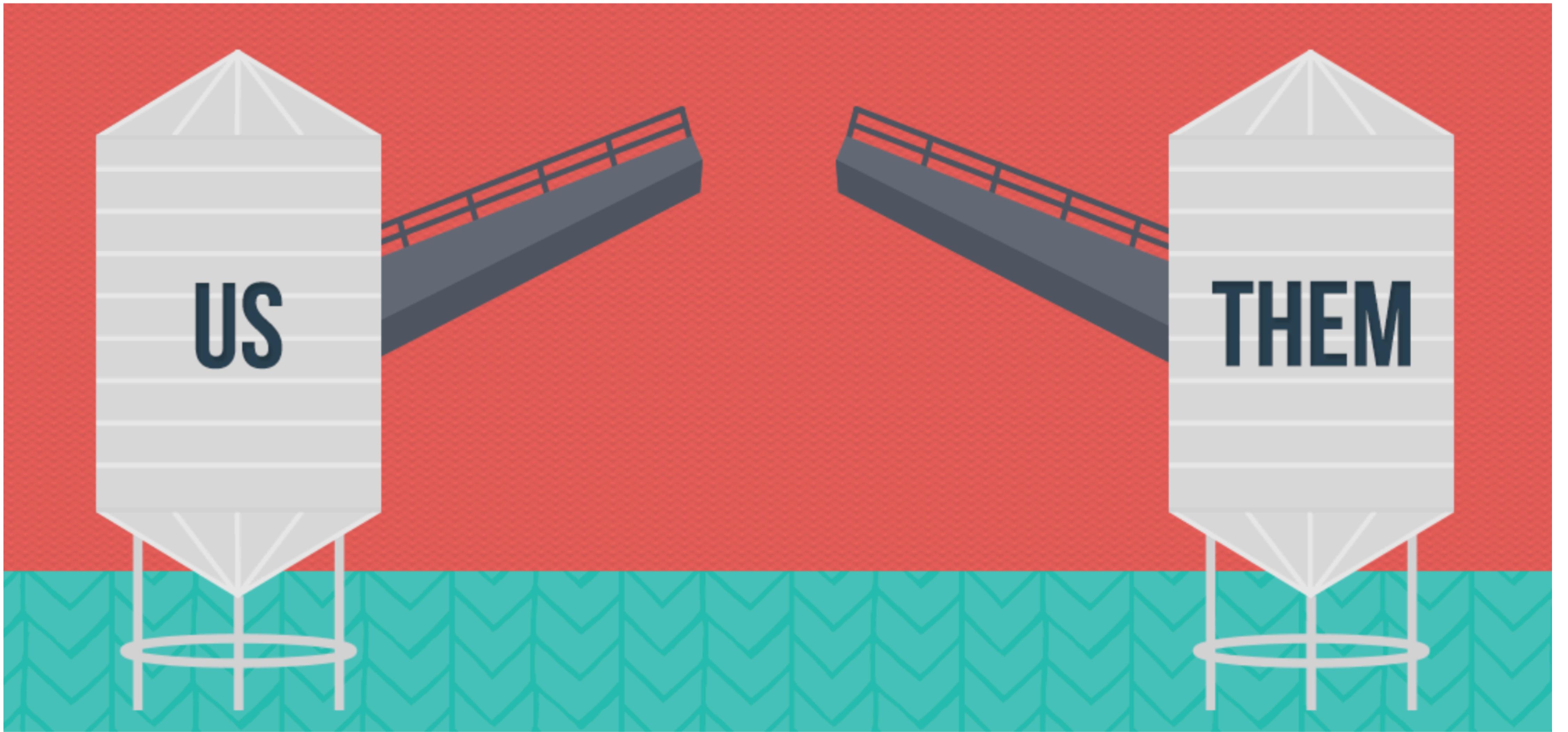
- Clear direction of code changes
- Discoverable collaboration
- Assigned code reviewers for review

Improve quality and faster development

- Dedicated trusted Committers
- Discoverable changes
- Code reuse
- Project ownership
- Clear contribution guidelines
- Collective organization collaboration and contribution

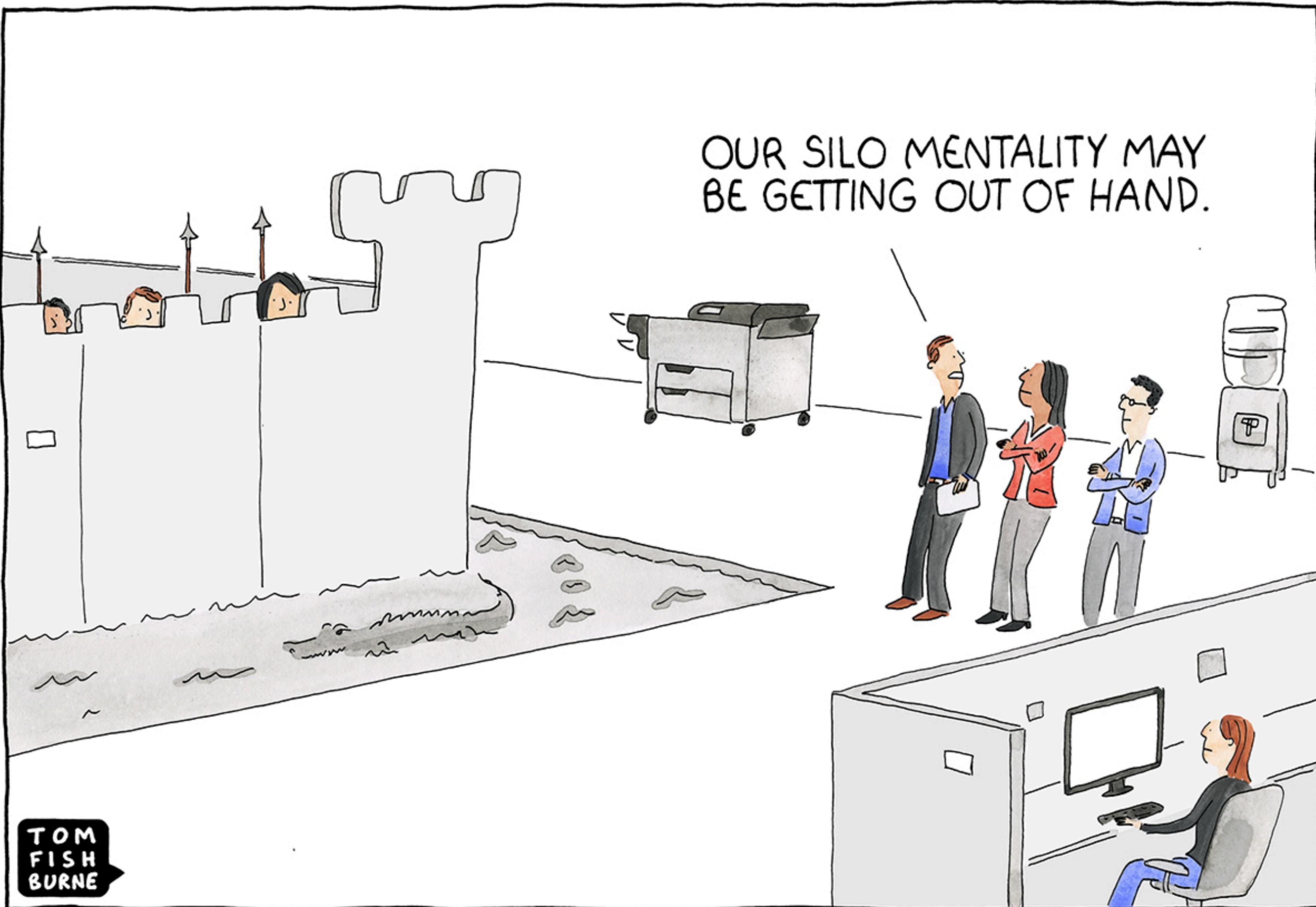


Breaking Down Silos



What's wrong with silos?

- Communication between the silos can become difficult, and problems can cascade through the company
- Silos make the world of permissions a devastating mass of unproductively as people swim upstream to find the tribal knowledge locked away in the silos
- People attempt to diagram the convoluted jungle paths of interactivity and permissions via road maps. This is a losing battle because the vines continue to grow even as maps are drawn



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Transparency Boosts Decision Making

Transparency improves collaboration, and empowers anyone within the company to see when a project is going off track and help to fix it

People need **three things** to participate in decision-making:

- **Information** which documentation provides
- **Access** which comes in meetings, communication channels
- **Permission** which must become part of the InnerSource culture

