



The EU platform for IoT and Edge will be open source!

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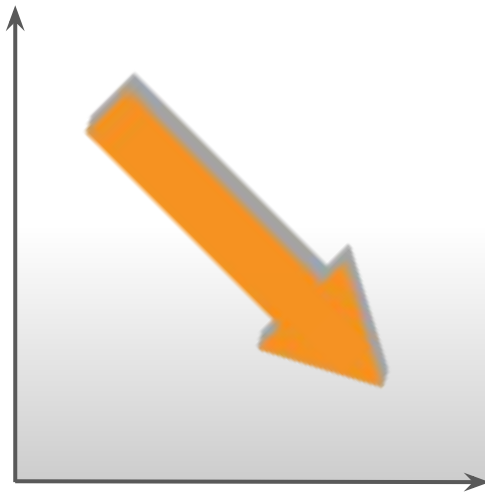


The shifting impact of open source

Before:

Open source as a commoditization strategy (OSes, LAMP)

Cost



Open source participation

(# of projects, contributors, ecosystem participants, lines of code)

Now:

Open source is how innovation happens (Big Data, Cloud, AI, Edge, IoT)

Value



Open source participation

Open Source Is Eating the World



81%

Companies consuming
Open Source Softwares
in their products

80-90%

% of Open Source in
applications

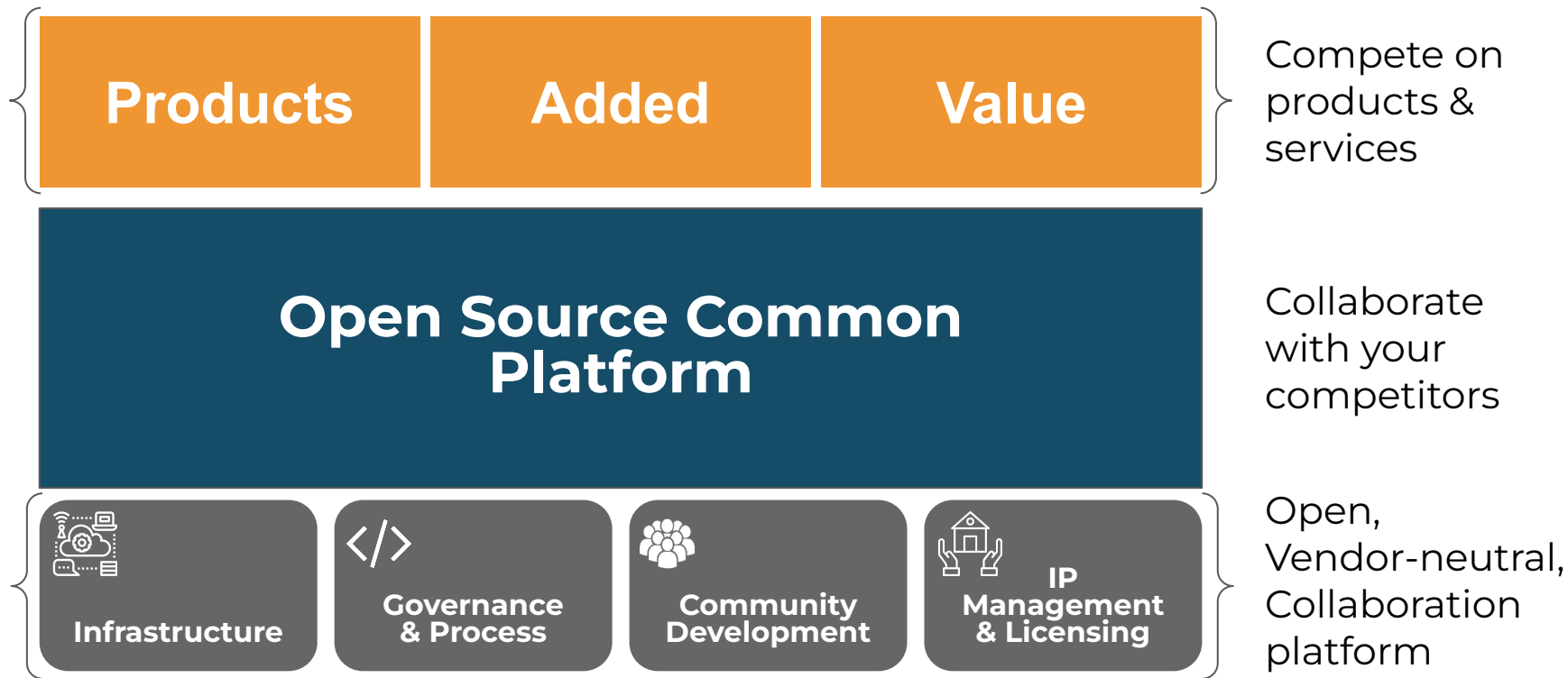
44%

Companies contributing
to upstream Open Source
Projects

According to TODO Group & Forrester



A business friendly ecosystem based on extensible platforms



Open Source addresses Edge Computing challenges!



Long lifespan

Need to maintain for years, if not decades



Heterogenous

Complete solution requires many players



Constraints

Power, compute, environmental, etc.



Connectivity

Unknowns: stability + reliability concerns

EdgeOps

Adapting DevOps for the Edge

Challenges

- Latency
- Bandwidth
- Resiliency
- Data sovereignty

Characteristics

- Long lifespan
- Heterogeneous
- Constraints
- Connectivity

Deployment

- Workloads
- Artifacts
- Strategies

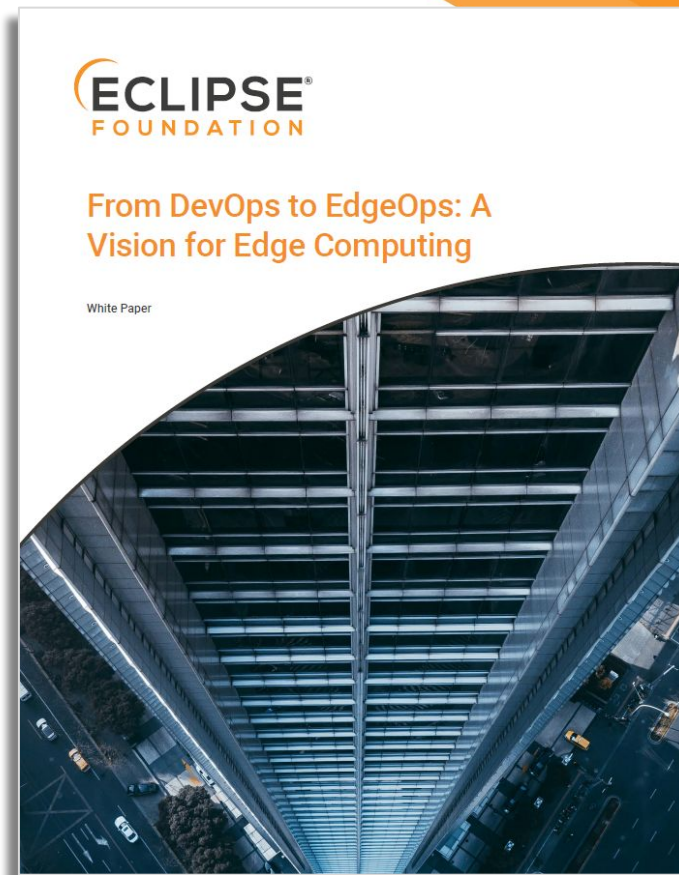
DevOps Principles

Short Lifecycle, Collaboration, Continuous Integration and Delivery (CI/CD), Microservices, Infrastructure as Code

Download the White Paper



<https://hubs.la/H0L379c0>



It Takes a Village to Build the Edge





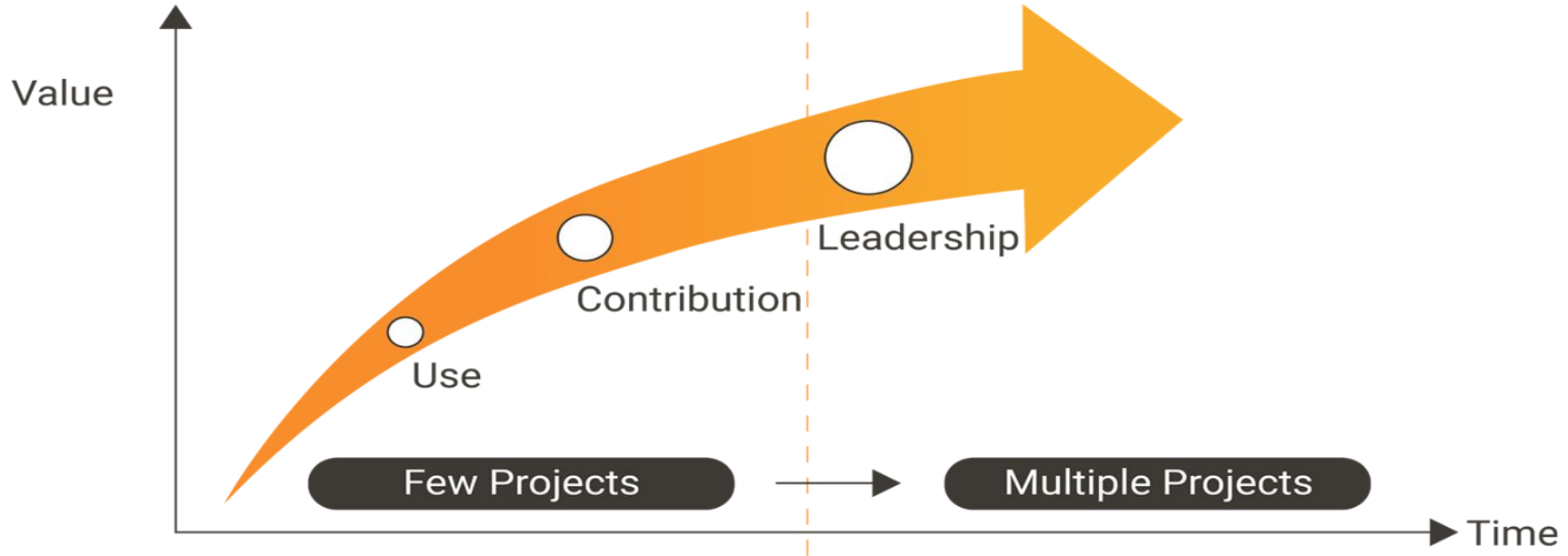
The key for success: adoption!

Developers adopt Open Source projects that enable

- Permissionless innovation
- Innovation through integration
- Far higher levels of experimentation



Open source is a **strategic enabler** for digital sovereignty



Empower developers and innovators!

Thank You!

Get Eclipse IoT & Edge projects at:

- <https://iot.eclipse.org/>
- <https://edgenative.eclipse.org/>
- <https://sparkplug.eclipse.org/>