Open Source:
A necessity for IoT
Gaël Blondelle @gblondelle
ECLIPSE
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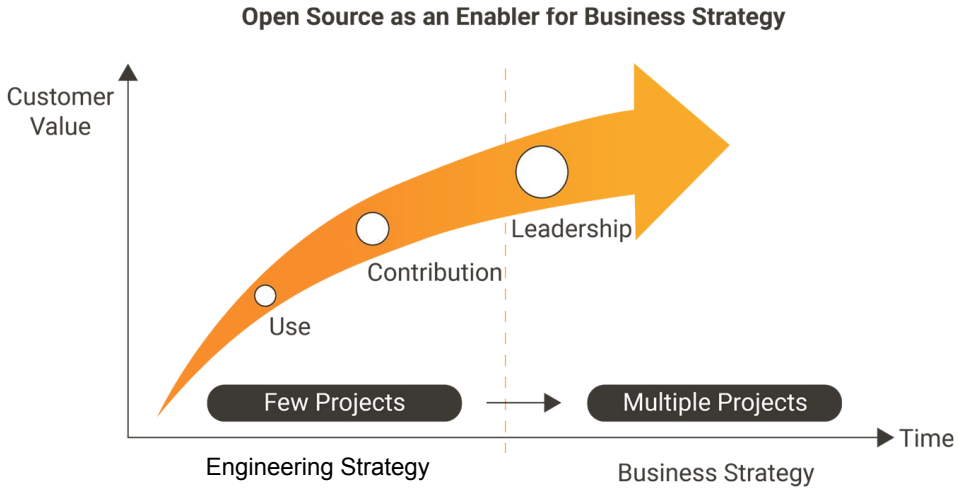
Open source as a strategic enabler



Participation in open source has emerged as a potent force for competitive advantage

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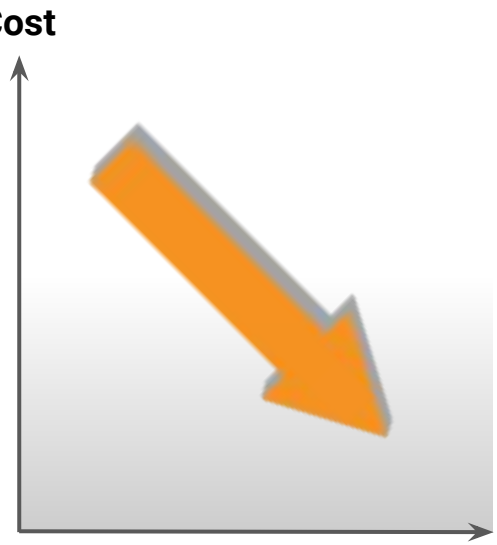
The shifting impact of open source

Before:

Open source as a commoditization strategy (OSes, LAMP)



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

Now:

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

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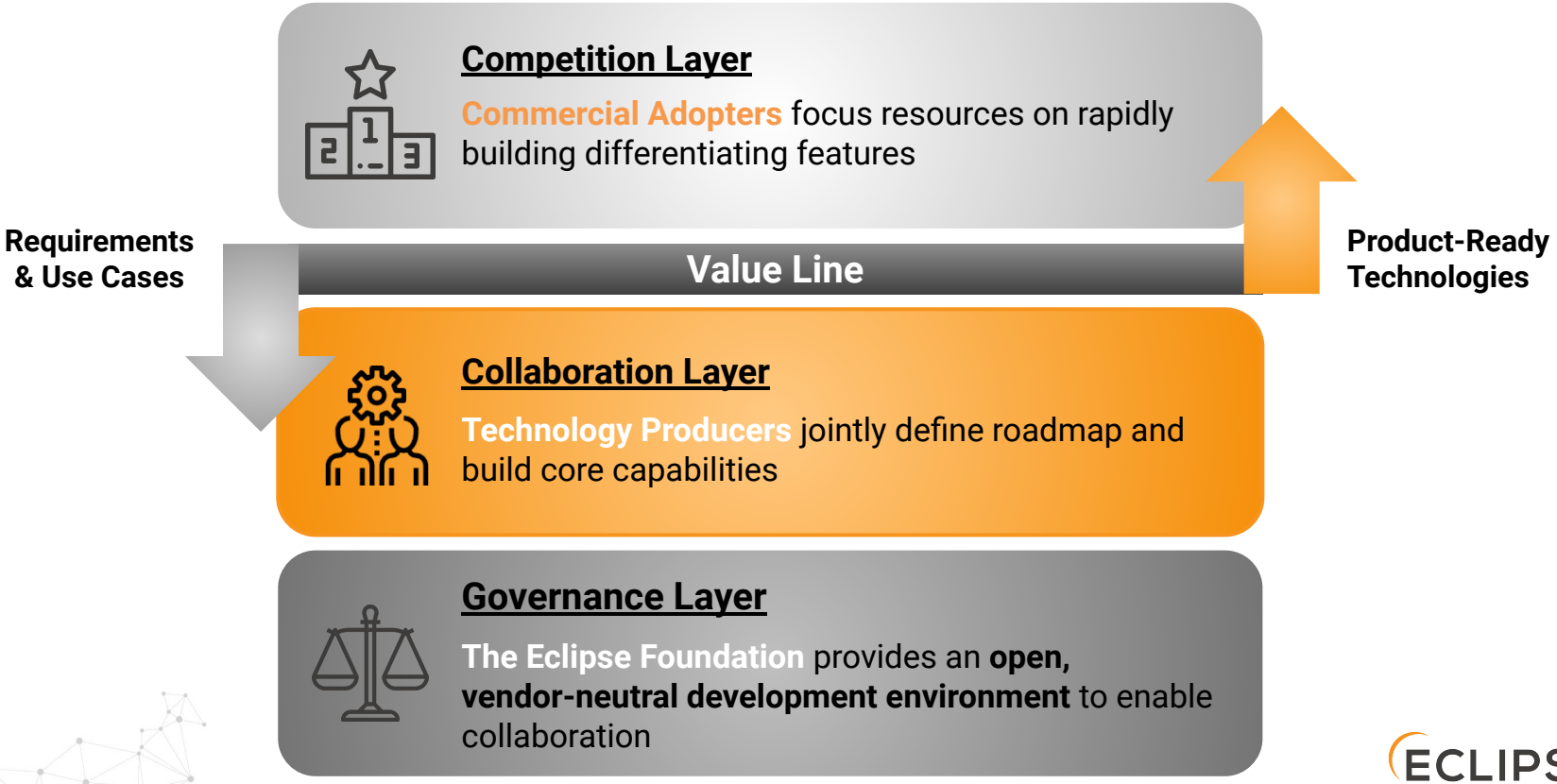
Different flavors of open source

Open Source as an enabler for fruitful business ecosystems



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Innovation

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

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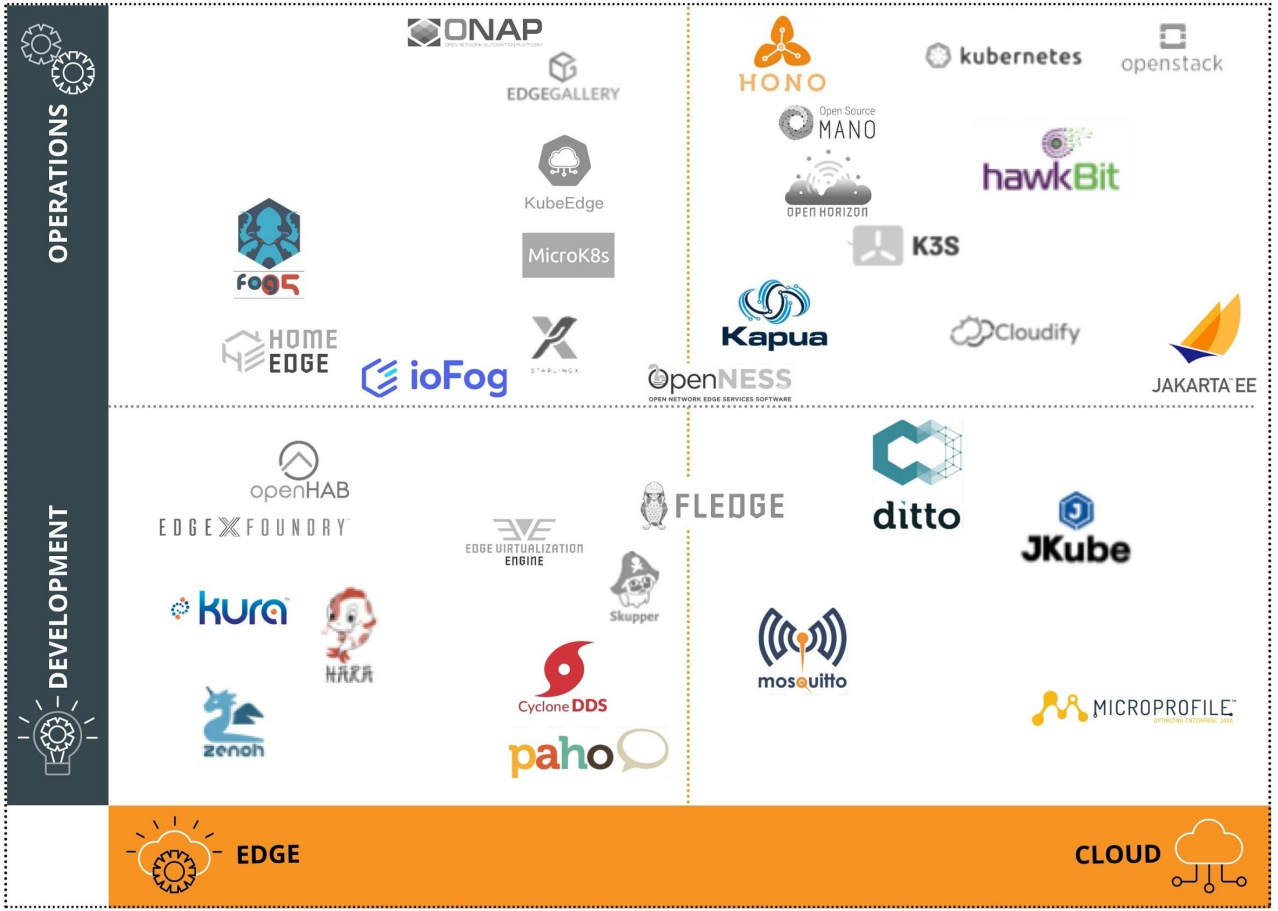
The Eclipse EdgeOps Matrix

Key Open Source Projects in the EdgeOps Matrix

Color Logos Represent Eclipse Projects



Few thoughts about Open Source and Open Standards

- Not the same meaning of the word “Open”
- Open Source and Open Standards are very much complementary
- Mature open source projects can be standardized
- Open Source reference implementations of standards are powerful to
  - Ensure interoperability
  - Foster adoption

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