



LF AI is an LF umbrella foundation founded in March 2018 to support collaboration and open source innovation in the AI, ML, and DL domains

<https://lfai.foundation>

Machine Learning

Framework

Platform

Library

Framework

Platform

Library

Tool

Reinforcement Learning

Programming

Security & Privacy

Natural Language Processing

Versioning

Store & Format

Operations

Stream Processing

SQL Engine

Feature Engineering

Visualization

Pipeline Management

Labeling and Annotation

Governance

Model

Benchmarking

Training

Parameter

Format

Marketplace

Workflow

Inference

Tool

Computing & Management

Interface

Notebook Environment

Trusted & Responsible AI

Explainability

Adversarial

Bias & Fairness

LF AI Member Company

Premier

General

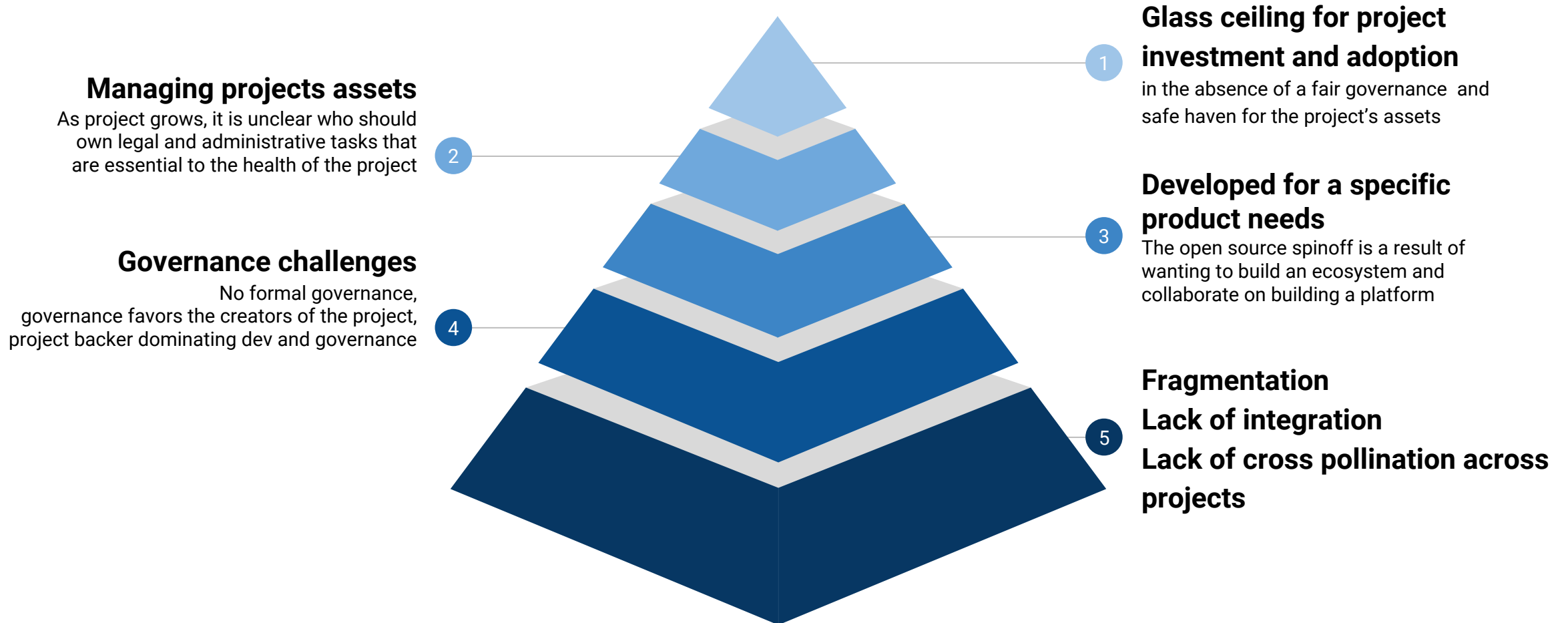
Associate

This landscape explores open source artificial intelligence, machine learning, and deep learning projects, and lists the members of the LF AI Foundation.

LF AI Landscape

LF AI

Open Source AI - Ecosystem Challenges



Motivations for Harmonization

1. Better integration and interoperability capabilities across projects
2. Greater efficiency for members across various costs spent on supporting and growing the ecosystem
3. Unified guidance for end users on tools, interoperability, integration, standards, and the future of AI, Data and Analytics as its use continues to grow in every industry
4. Hosting projects under a single umbrella enables closer collaboration and integration across projects and is a proven recipe for building a strong open ecosystem

LF AI Structure

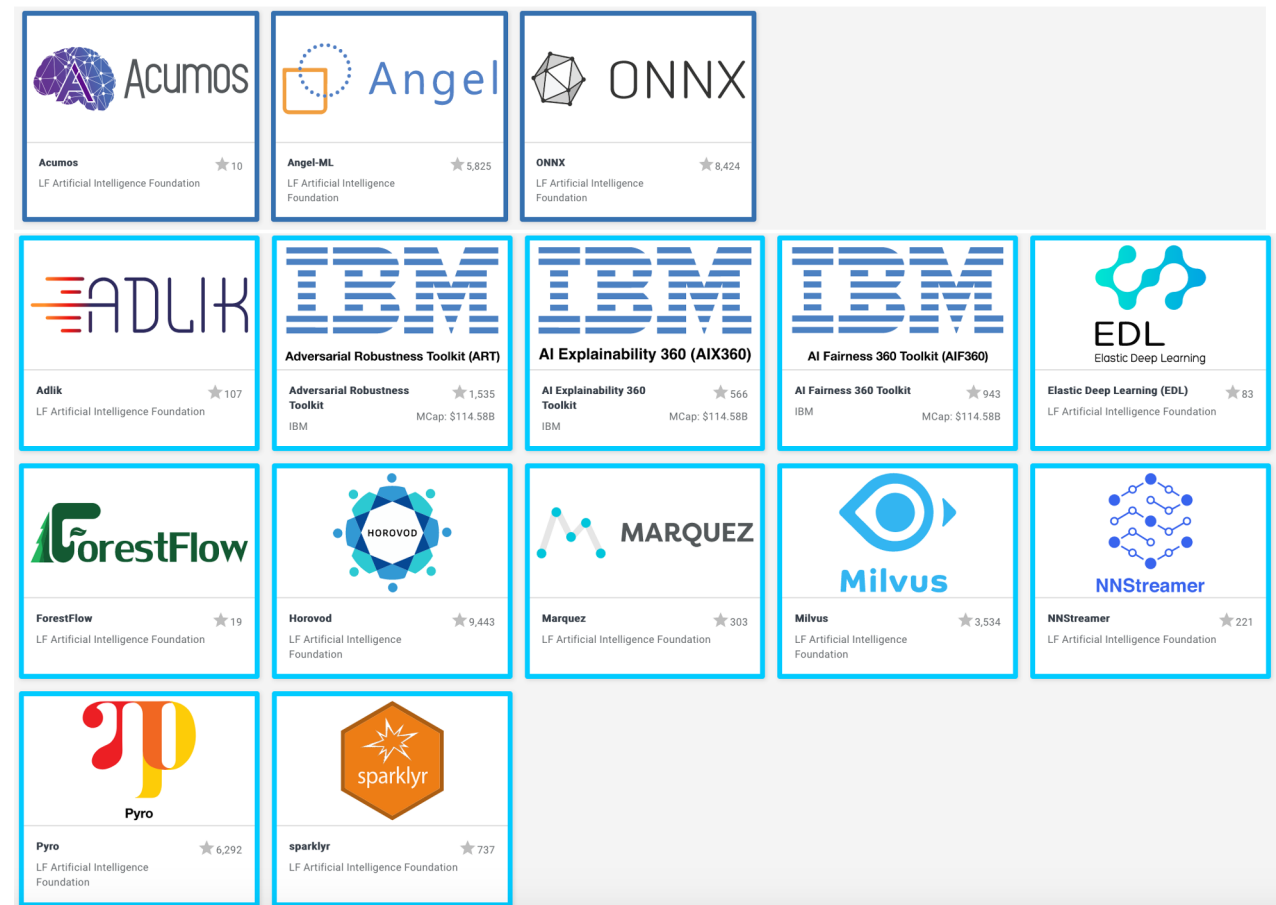
Funding Governance



Technical Coordination



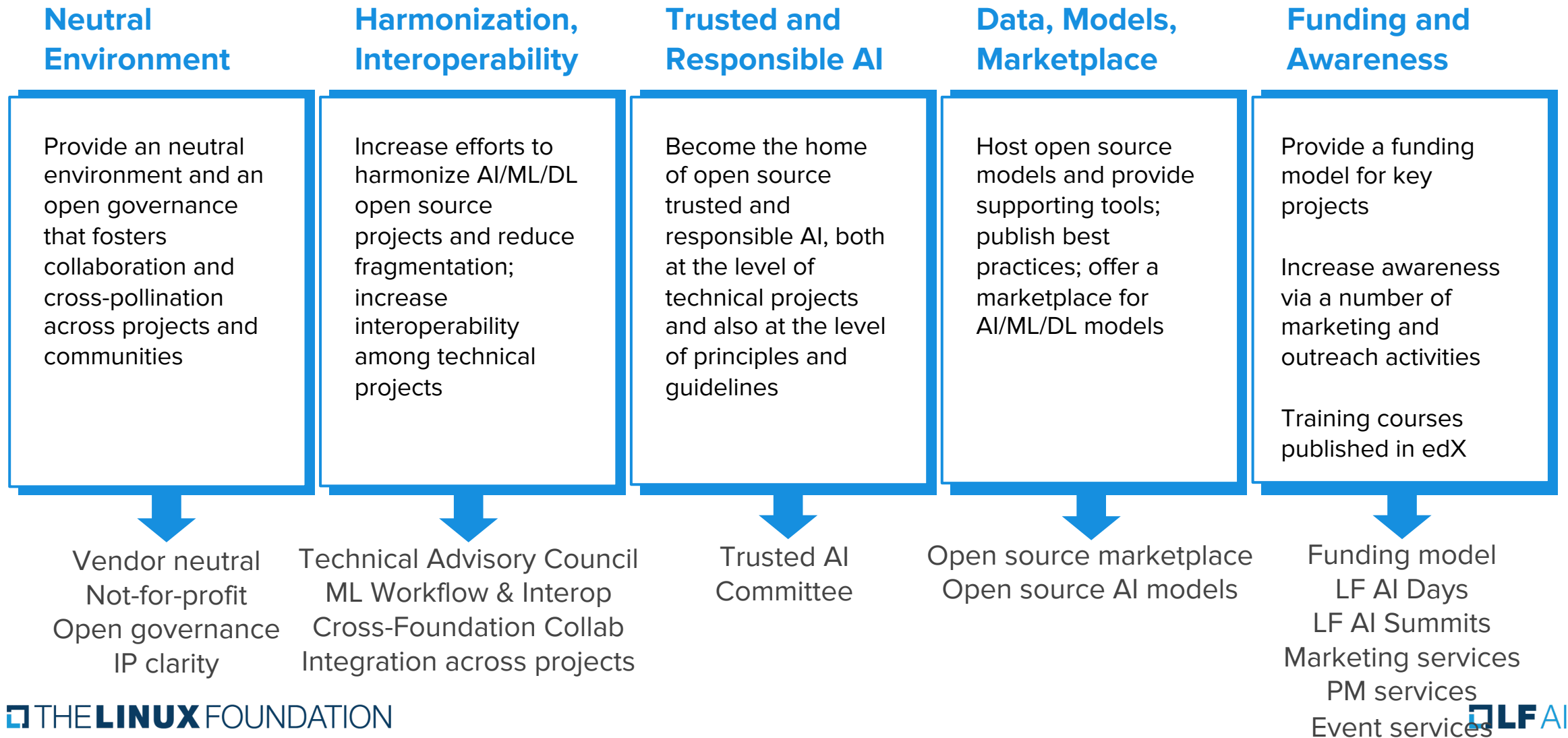
Hosted Projects

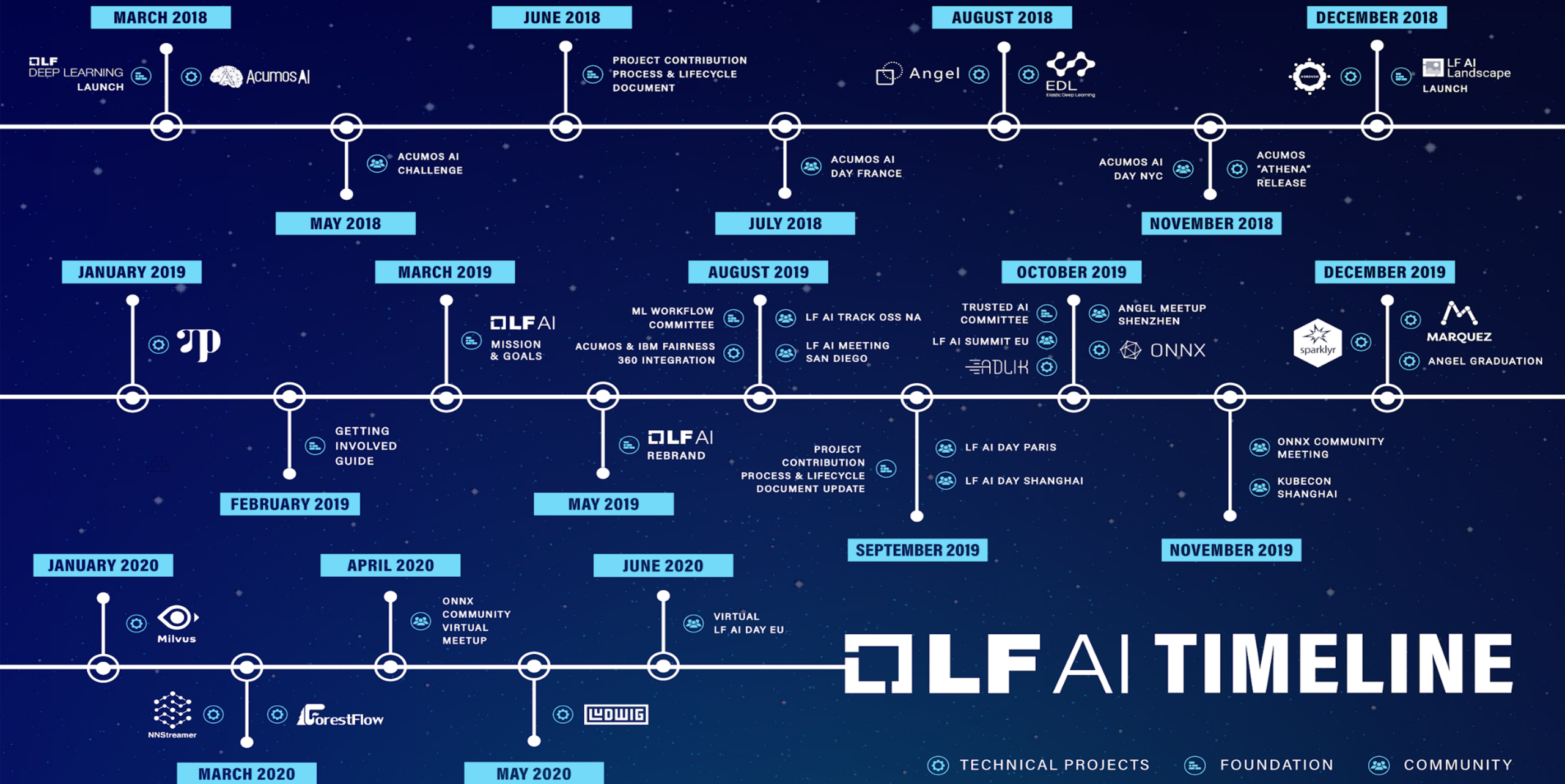


Governance

- › Foundation governance: funding effort to support technical projects hosted under the Foundation
- › Technical governance: hosted projects have their own independent technical governance
- › The Foundation's Charter is available from <https://lfai.foundation>
- › Dedicated Staff:
 - › [Jacqueline Serafin](#), Lead PM
 - › [Ibrahim Haddad](#), Executive Director

LF AI Major Efforts





DLFAI TIMELINE


TECHNICAL PROJECTS FOUNDATION COMMUNITY

Members


Premier								
								
General								
Associate								

Projects


Graduation



Acumos
★ 10
LF Artificial Intelligence Foundation




Angel
★ 5,825
Angel-ML
LF Artificial Intelligence Foundation




ONNX
★ 8,424
ONNX
LF Artificial Intelligence Foundation


Incubation




Adlik
★ 107
LF Artificial Intelligence Foundation




Adversarial Robustness Toolkit (ART)
★ 1,535
Adversarial Robustness Toolkit
IBM
MCap: \$114.58B




AI Explainability 360 (AIX360)
★ 566
AI Explainability 360 Toolkit
IBM
MCap: \$114.58B




AI Fairness 360 Toolkit (AIF360)
★ 943
AI Fairness 360 Toolkit
IBM
MCap: \$114.58B




EDL
★ 83
Elastic Deep Learning (EDL)
LF Artificial Intelligence Foundation




ForestFlow
★ 19
LF Artificial Intelligence Foundation




Horovod
★ 9,443
LF Artificial Intelligence Foundation




Marquez
★ 303
LF Artificial Intelligence Foundation




Milvus
★ 3,534
LF Artificial Intelligence Foundation



NNStreamer
★ 221
LF Artificial Intelligence Foundation



Pyro
★ 6,292
LF Artificial Intelligence Foundation



sparklyr
★ 737
LF Artificial Intelligence Foundation

Incubating Projects

- › LF AI's TAC committee is responsible to voting in new incubation projects.
- › The TAC meets bi-weekly and generally booked 4-6 weeks in advance.
- › Proposing projects for incubation in LF AI:
<https://lfai.foundation/proposal-and-hosting-process/>

Project Resources

Hosted project stages and life cycle: <https://lfai.foundation/project-stages-and-lifecycle/>

Offered services for hosted projects:
<https://lfai.foundation/services-for-projects/>

Companies hosting projects in LF AI



Universities Contributing Code to LF AI Projects



Stay Connected with LF AI!

› **Social**

- › Follow [@LFAI_Foundation](#) on Twitter 
- › Connect via [LF AI Foundation](#) on LinkedIn 

› **Mail Lists**

- › [TAC](#) - Participate in technical governance and hear about LF AI projects
- › [Events](#) - Learn about upcoming events
- › [Announce](#) - Stay in the loop on top level Foundation information

› **Blog**

- › Check the latest news on our [Blog](#) 

Joining LF AI Foundation is easy!

Please follow up with [Ibrahim Haddad](#)

Web site <https://lfai.foundation>

Email info@lfai.foundation

Landscape <https://l.lfai.foundation>

GitHub <https://github.com/lfai>

Wiki <https://wiki.lfai.foundation>

Mailing lists <https://lists.lfai.foundation/groups>