2020 FLOSS ROADMAP

2010 Version - 3rd Edition

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Paris, 1 October 2010

Jean-Pierre LAISNÉ (BULL / OW2)
Coordination & Synthesis
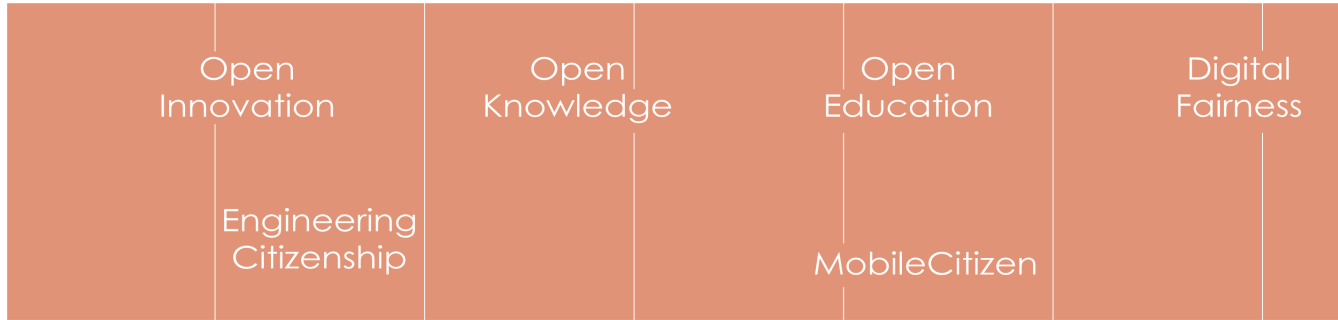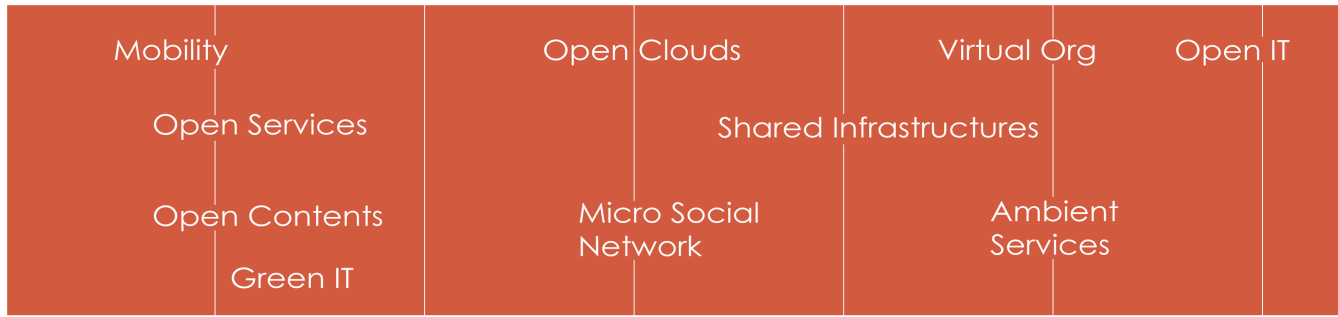
Roadmap
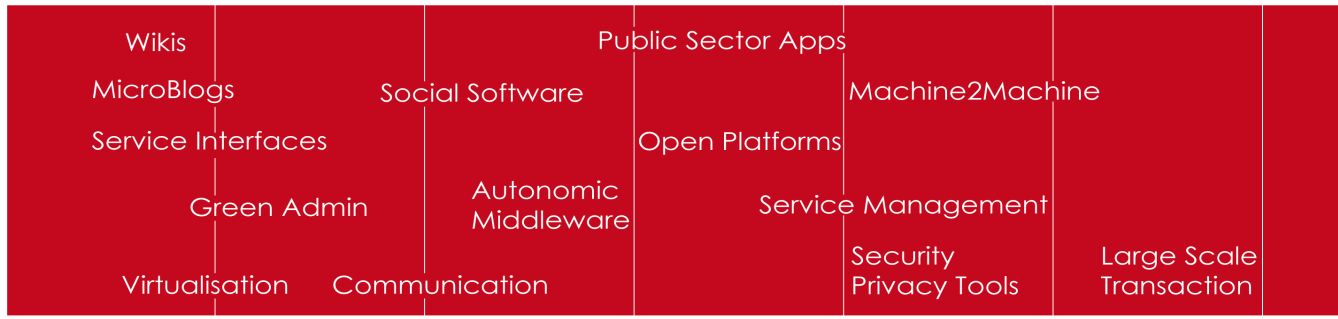
Internet

GIGA (10^9)b/s   TERA (10^{12})b/s

Information Society

Open Innovation	Open Knowledge	Open Education	Digital Fairness
Engineering Citizenship		MobileCitizen	

Industry

Mobility

Open Clouds   Virtual Org   Open IT

Open Services

Shared Infrastructures

Open Contents

Micro Social Network   Ambient Services

Green IT

R&D

Wikis

Public Sector Apps

MicroBlogs

Social Software   Machine2Machine

Service Interfaces

Open Platforms

Green Admin   Autonomic Middleware   Service Management

Security Privacy Tools   Large Scale Transaction

Virtualisation   Communication

2008   2010   2012   2014   2016   2018   2020

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Contributions

2010 Version
on 2020FLOSSRoadmap.org

Synthesis
Jean-Pierre LAISNÉ

Declouding freedom
Philippe AIGRAIN

FLOSS as Commons
David BOLLIER

The BRIC FLOSS Roadmap
Michael TIEMANN

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Synthesis

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2010   2020

Well-being Happiness Freedom Openness Commons

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2020

Well-being Happiness Freedom Openness Commons

Crisis Pressure Security Secret Property

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Synthesis

Well-being Happiness Freedom Openness Commons

Crisis Pressure Security Secret Property

Progress Technology
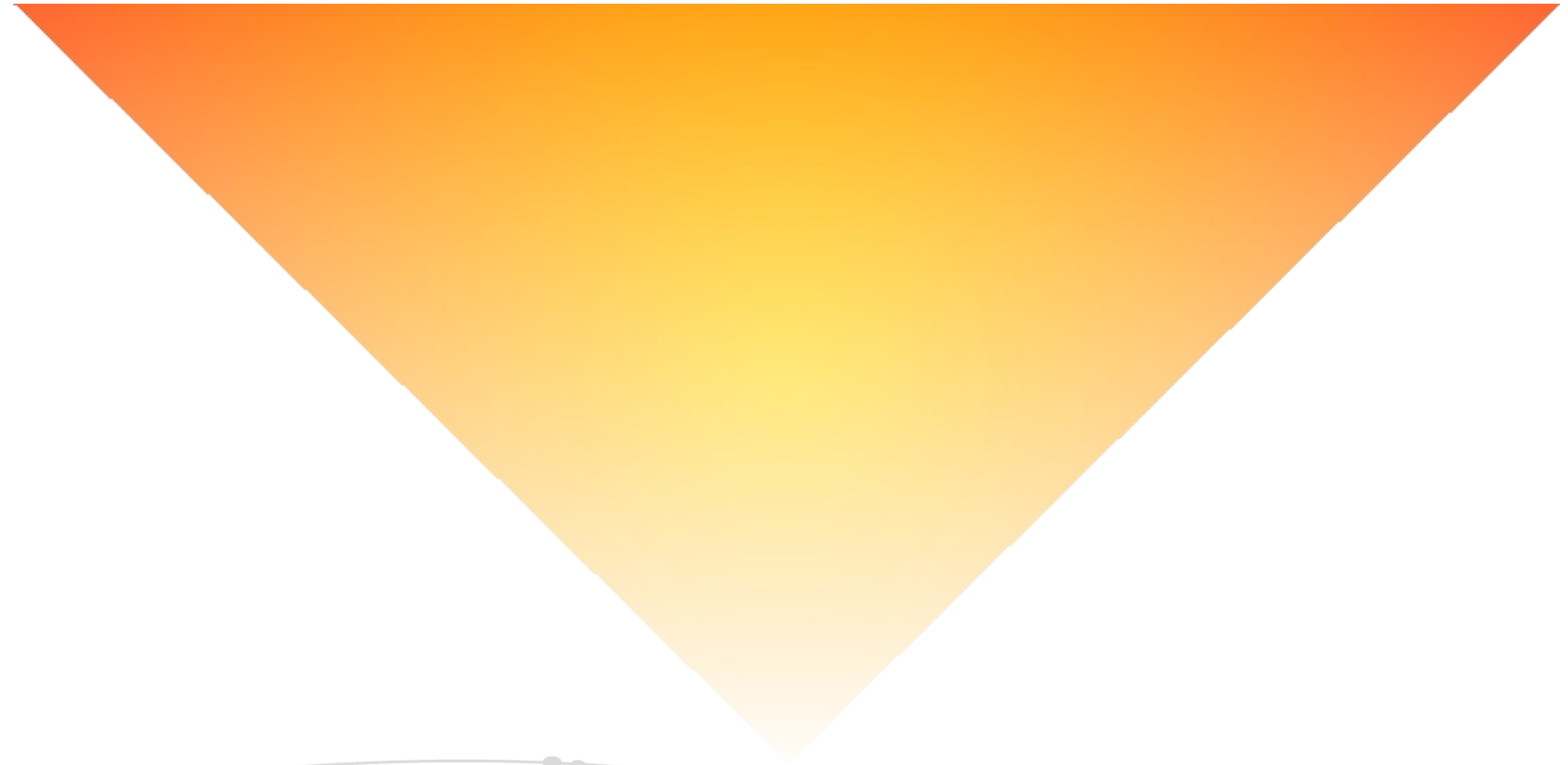
Synthesis

2010   2020

Well-being Happiness Freedom Openness Commons

Crisis Pressure Security Secret Property

Progress Technology

FLOSS

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Synthesis

Shared knowledge for an open digital society

Well-being Happiness Freedom Openness Commons

Crisis Pressure Security Secret Property

Progress Technology

FLOSS

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Openness and freedom

- *Legal framework: Ensure effective protection for network neutrality that ensures equitable treatment of decentralized Web services by prohibiting and sanctioning discrimination against protocols, applications, sources and contents.*

- *Community and policy: Invest in the development of decentralized, user-controlled, free software-based Web services for all essential social/collaborative applications and promote their usage.*

"The open cloud movement will become one of those activities whose very business rests upon enabling customers to leave it ."

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A way of removing the constraints of the digital era

- *FLOSS development to be considered when measuring economic performance and social progress*

FLOSS is not "a standalone enterprise that is a junior partner to the marketplace or a peripheral player in the democratic polity."

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Time to speak a 'common' language

- *Develop new venues for research, public dialogue and publication that can bring together on-the-ground practitioners and theorists, and develop deeper cross-disciplinary understandings of commons-based governance and resource-management – and perhaps even a loose taxonomy.*

"*the discourse and literature of the commons can help address these issues. They can also help situate FLOSS in a larger digital and cultural context. And they can more accurately describe the on-the-ground social dynamics of FLOSS communities than market theory.*"

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Collective intellectual capital for common wealth

- *Economic development policies, especially as they relate to education, procurement, and international trade, should recognize and promote the growth of intellectual capital of society (which is different than attempting to protect and control the ownership of intellectual property).*

- *Citizens of a digital society should always have the freedom to read, modify, and share the software and data that they, as a society, pay for.*

- *Government entities should actively seek FLOSS-based solutions as much as possible.*

"fair cooperation and trading can lead to far better economic outcomes than compete-at-all-costs models that depend on exclusion as a prerequisite for profit"

Contribute on 2020FLOSSRoadmap.org

Contributors 2008, 2009, 2010

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