

# CIP mini-summit 2019 : Agenda



- Date and time: 31<sup>st</sup> October (8:00 am – 1:00 pm)

Time (Length)	Title	Speaker
08:00-08:15 (15min)	<preparation>	
08:15-08:30 (15min)	State of CIP project	Yoshitake Kobayashi and Urs Gleim
08:30-08:50 (20min)	CIP @ Siemens Mobility	Benjamin Schilling / Yasin Demirci
08:50-09:10 (20min)	Power Plants run on Linux CIP	Yoshiyuki Nitta
09:10-09:30 (20min)	Launching CIP-based Linux distribution	Masashi Kudo
09:30-10:05 (35min)	Security WG	Kento Yoshida
10:05-10:15 (10min)	<break>	
10:15-10:50 (35min)	Kernel Team	SZ Lin / Nobuhiro Iwamatsu / Pavel Machek
10:50-11:25 (35min)	CIP Core	Kazuhiro Hayashi / Jan Kiszka
11:25-12:00 (35min)	SW update WG	Akihiro Suzuki
12:00-12:35 (35min)	CIP Testing	Chris Paterson
12:35-12:50	<Wrap up>	



———— CIVIL ————  
**INFRASTRUCTURE**  
—— PLATFORM ——

# State of CIP Project

**Yoshitake Kobayashi**, Toshiba Corp., CIP TSC Chair

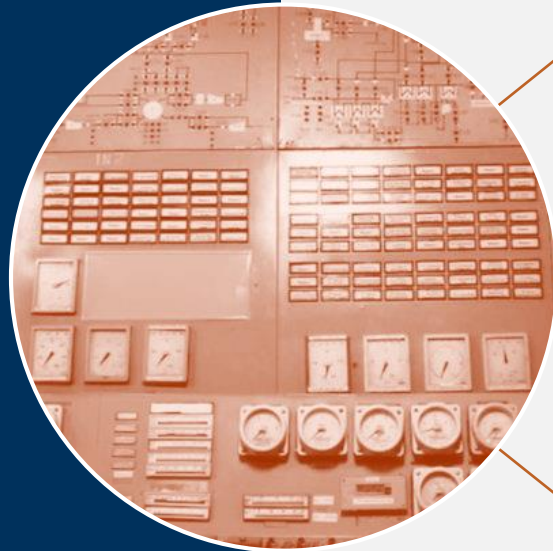
**Urs Gleim**, Siemens AG, CIP Board Chair

CIP mini-summit, Lyon, October 31, 2019

28.3%

# The key challenges

- Apply IoT concepts to industrial systems.
- Ensure quality and longevity of products.
- Keep millions of connected systems secure.



## Industrial grade

- Reliability
- Functional Safety
- Real-time capabilities

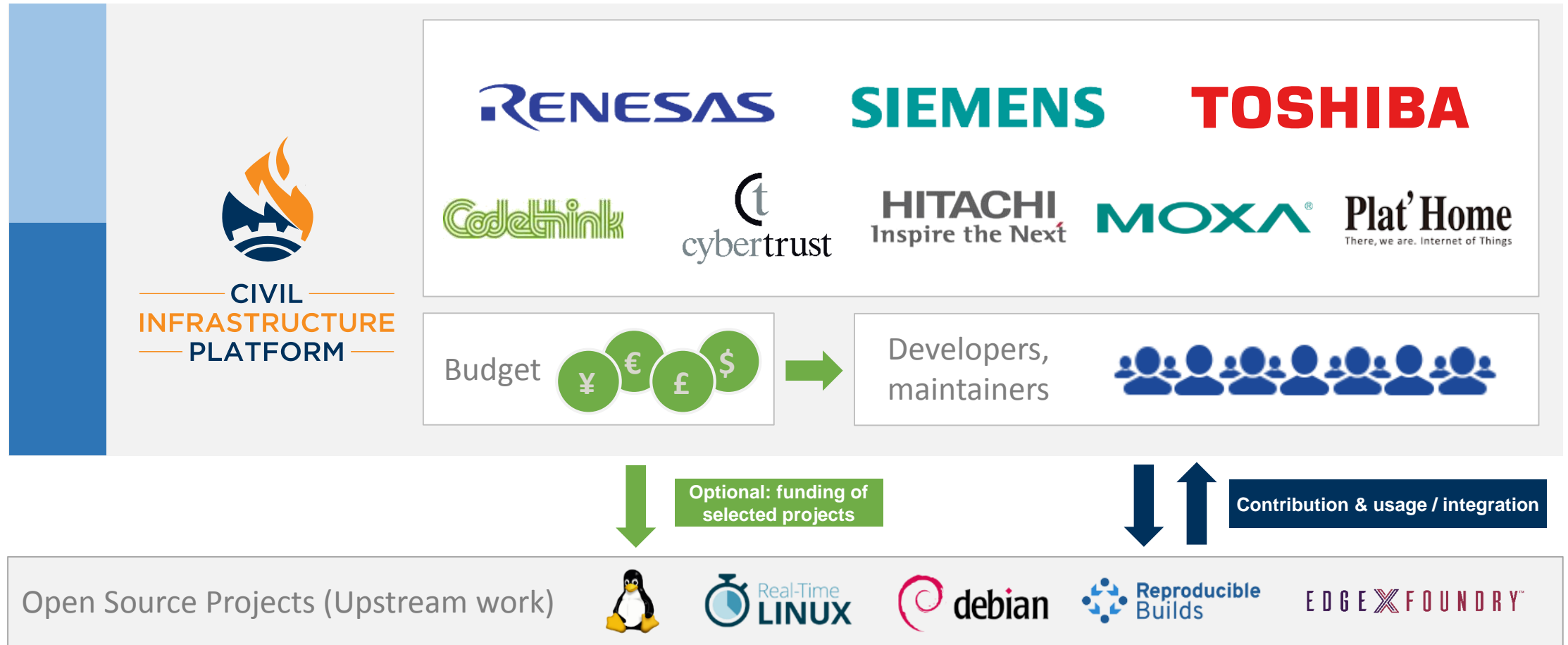
## Sustainability

- Product life-cycles of decades
- Backwards compatibility
- Standards

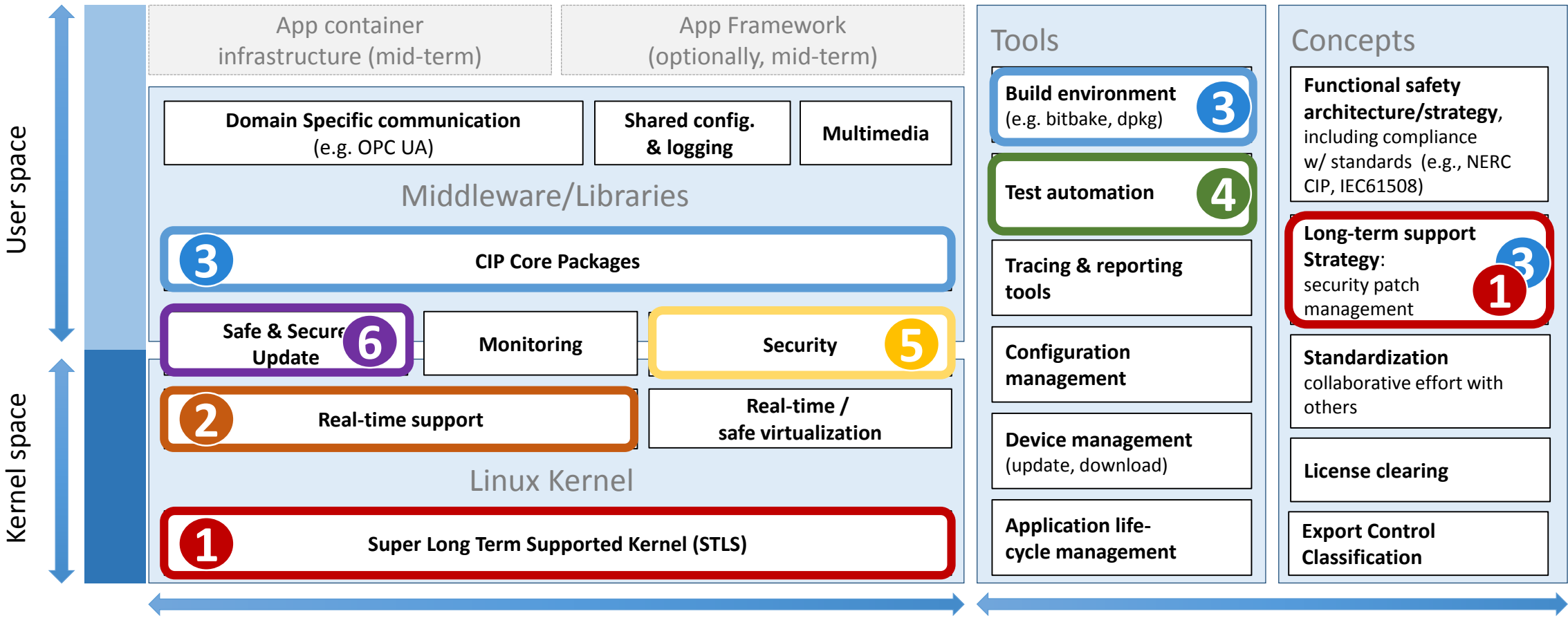
## Security

- Security & vulnerability management
- Firmware updates
- Minimize risk of regressions

# The backbone of CIP are the member companies

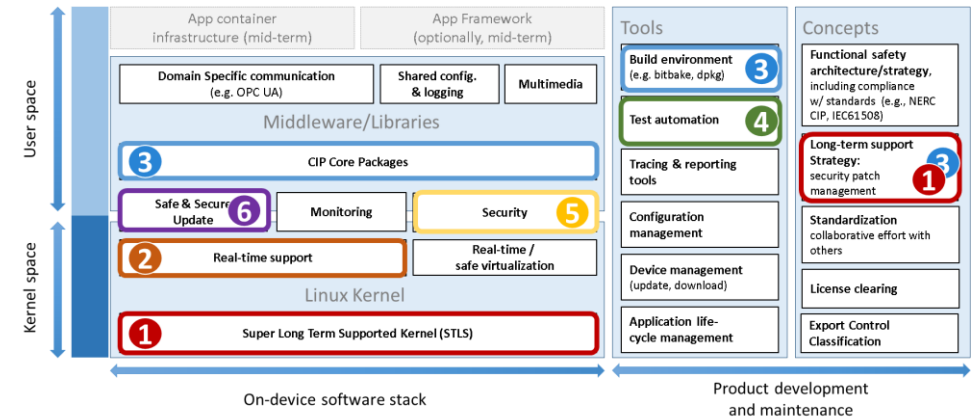
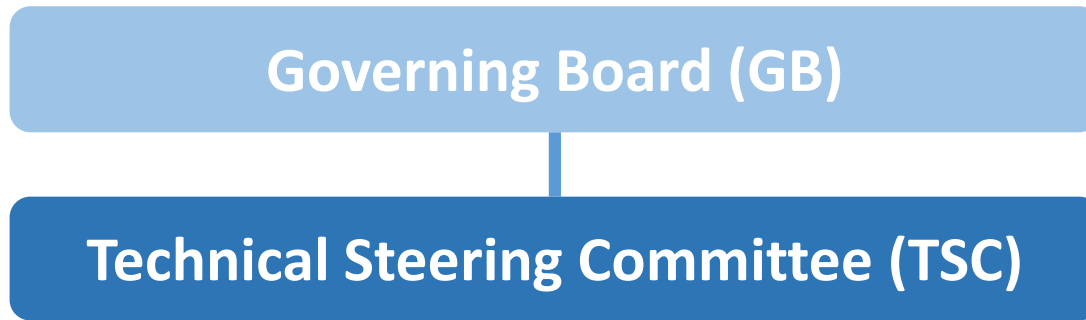


# Scope of activities





# CIP governance structure and projects



(\*): Workgroup

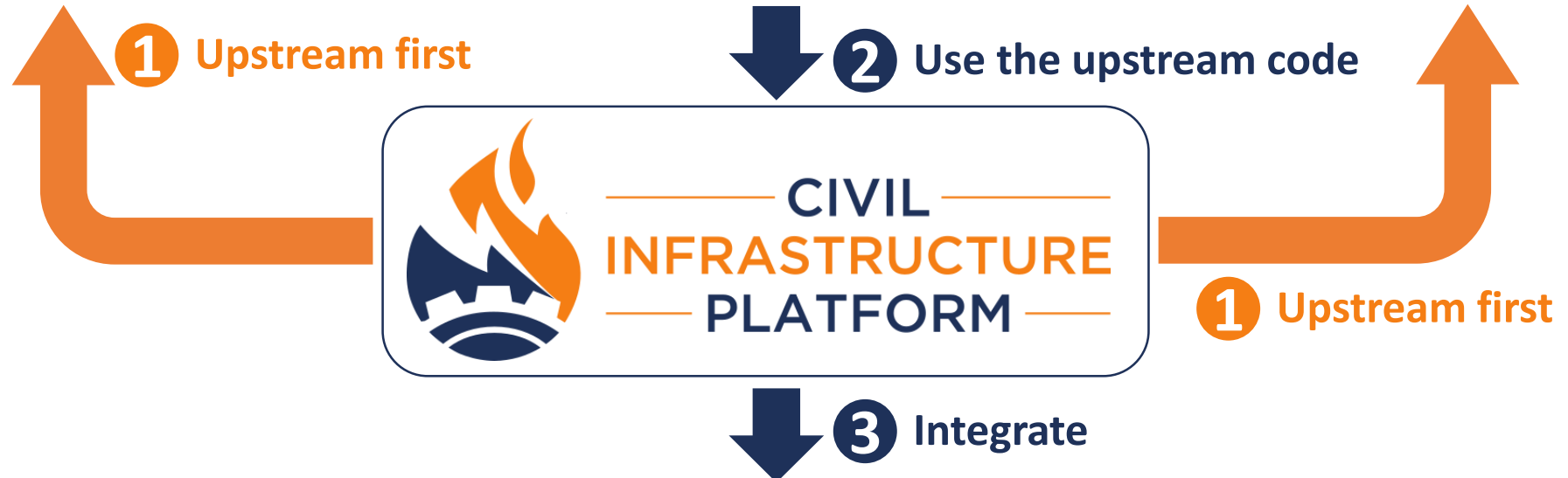
1	2	3	4	5	6	
SLTS kernel	Real-time	CIP Core	Testing	Security WG(*)	Software update WG	
✓	✓	✓	✓	✓	✓	Industrial grade
✓		✓	✓		✓	Sustainability
✓		✓	✓	✓	✓	Security

**CIP Projects and its scopes**

# Collaborative development with other OSS projects



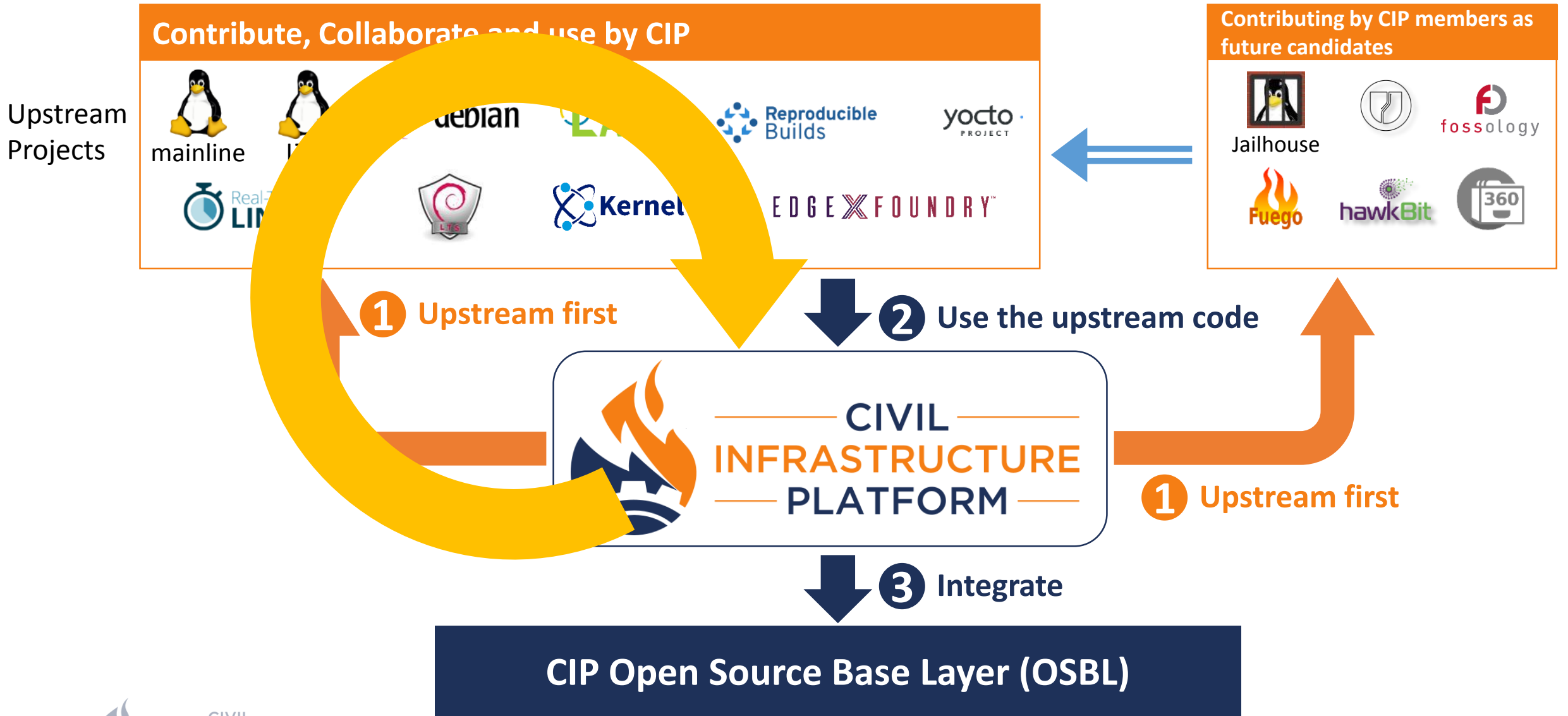
Upstream Projects



**CIP Open Source Base Layer (OSBL)**



# Collaborative development with other OSS projects





CIP joined KernelCI project as a Premier member.

# Join us

CIP for sustainable Smart Cities with Open Source Software



CIVIL  
INFRASTRUCTURE  
PLATFORM

RENESAS

SIEMENS

TOSHIBA

CodeThink

cybertrust

HITACHI  
Inspire the Next

MOXA®

Plat'Home  
There, we are. Internet of Things

# Contact Information and Resources



To get the latest information, please contact:

- CIP Mailing list: [cip-dev@lists.cip-project.org](mailto:cip-dev@lists.cip-project.org)

## Other resources

- Twitter: [@cip\\_project](https://twitter.com/cip_project)
- CIP Web site: <https://www.cip-project.org>
- CIP news: <https://www.cip-project.org/news/in-the-news>
- CIP Wiki: <https://wiki.linuxfoundation.org/civilinfrastructureplatform/>
- CIP source code
  - CIP GitLab: <https://gitlab.com/cip-project>
  - CIP kernel: [git://git.kernel.org/pub/scm/linux/kernel/git/cip/linux-cip.git](https://git.kernel.org/pub/scm/linux/kernel/git/cip/linux-cip.git)

# Questions?



# Thank you



— CIVIL —  
**INFRASTRUCTURE**  
— PLATFORM —