

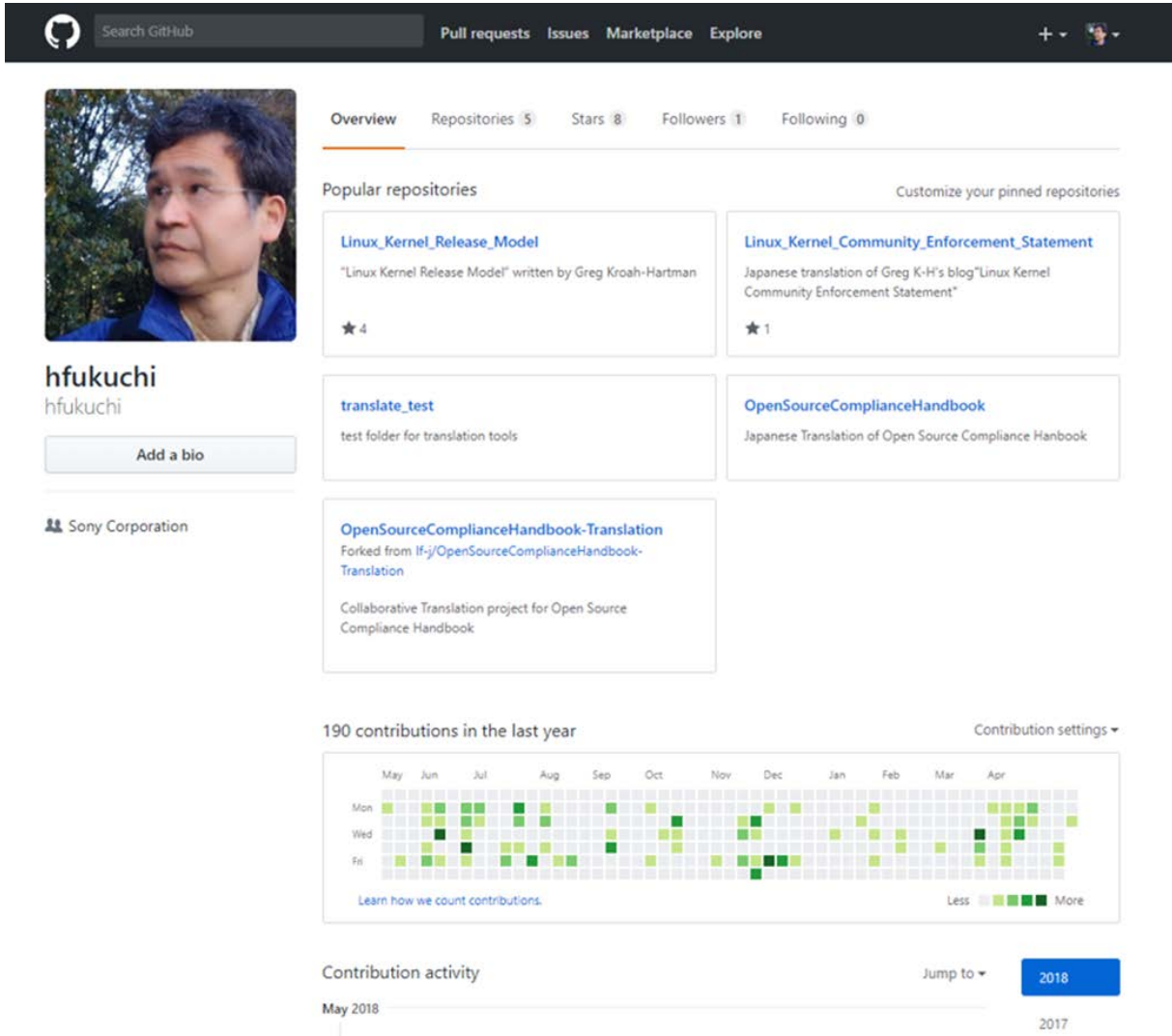
Introduction of OpenChain Japan Work Group

Hiroyuki Fukuchi, Sony Corporation

Shinsuke Kato, Panasonic Corporation



About me



The screenshot shows the GitHub profile of user 'hfukuchi'. The profile includes a profile picture of a man, the username 'hfukuchi', and a bio 'hfukuchi' with an 'Add a bio' button. The company is listed as 'Sony Corporation'. The 'Overview' tab is selected, showing statistics: 5 repositories, 8 stars, 1 follower, and 0 following. The 'Popular repositories' section lists four repositories: 'Linux_Kernel_Release_Model' (4 stars), 'Linux_Kernel_Community_Enforcement_Statement' (1 star), 'translate_test' (test folder for translation tools), and 'OpenSourceComplianceHandbook' (Japanese Translation of Open Source Compliance Handbook). Below this is a '190 contributions in the last year' heatmap showing activity from May 2017 to May 2018. The heatmap shows a consistent pattern of contributions, with a peak in activity around late 2017 and early 2018. A legend indicates that the color of the squares represents the number of contributions, with a scale from 'Less' (light green) to 'More' (dark green). The 'Contribution activity' section at the bottom shows a timeline from May 2018 to May 2017, with a 'Jump to' button set to '2018'.

Hiroyuki Fukuchi

In charge of OSS compliance in Sony

A Member of OpenChain and Japan WG

Japanese translation volunteer

Works of Japanese Translation:

OpenChain Specification/Curriculum
Handbook of Open Source Compliance
Blog written by Greg Kroah-Hartman

About me



Shinsuke Kato (Panasonic)

- I was a Software Engineer for Panasonic Corporation, where I helped Panasonic R&D improve Linux for use in Panasonic's products.
- I have been working with Linux and OSS compliance in Panasonic for over 15 years.
- For OSS compliance
 - I have presented seminars on OSS compliance in Panasonic.
 - I provide advice on OSS compliance.

Agenda

- OpenChain project
- Japan WG
 - Overall
 - Lightning Talk (Sharing case study)
 - Community
 - Local and International
 - Future Challenge

OpenChain project

Problem begins here

my family = 2 humans + 11 dogs

Problem begins here

software = code + license

OpenChain project

software = code + license

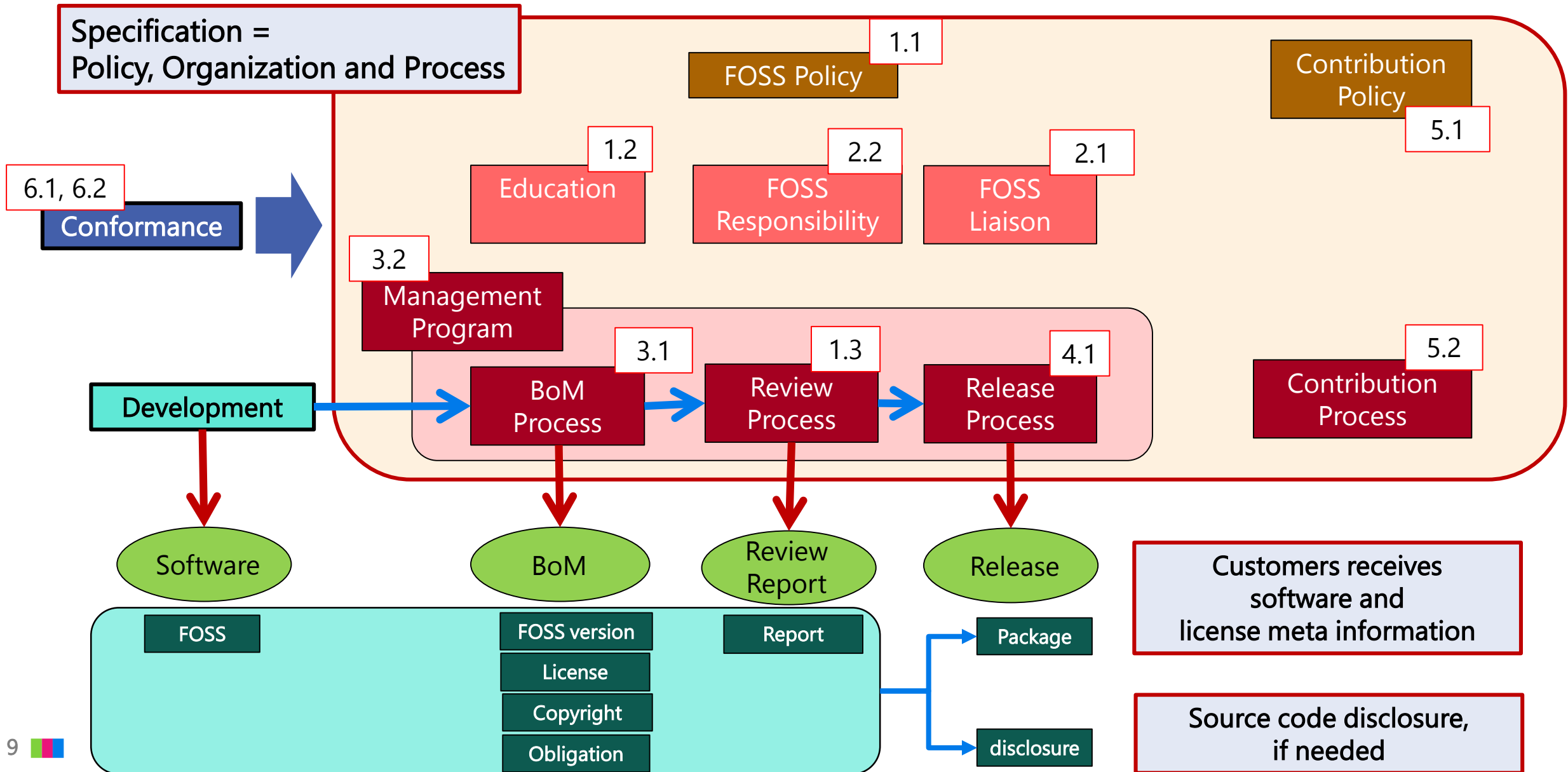
Project for **building trust** over supply chains by **license compliance**

In order to use OSS actively and appropriately for products,
OpenChain provides a **framework**:
specification / curriculum / onboarding / FAQ



OPENCHAIN

Overview of OpenChain Specification



Japan Work Group overall

To expand OpenChain in Japan

software = code + license

Engineers: lack of knowledge and legal support

Management: lack of motivation of compliance

Need for collaboration to resolve

Japan Work Group



Japan Work Group

Self motivated activity of OpenChain in Japan

Mission:

To foster environment where engineers in Japan and Asia can appropriately use OSS

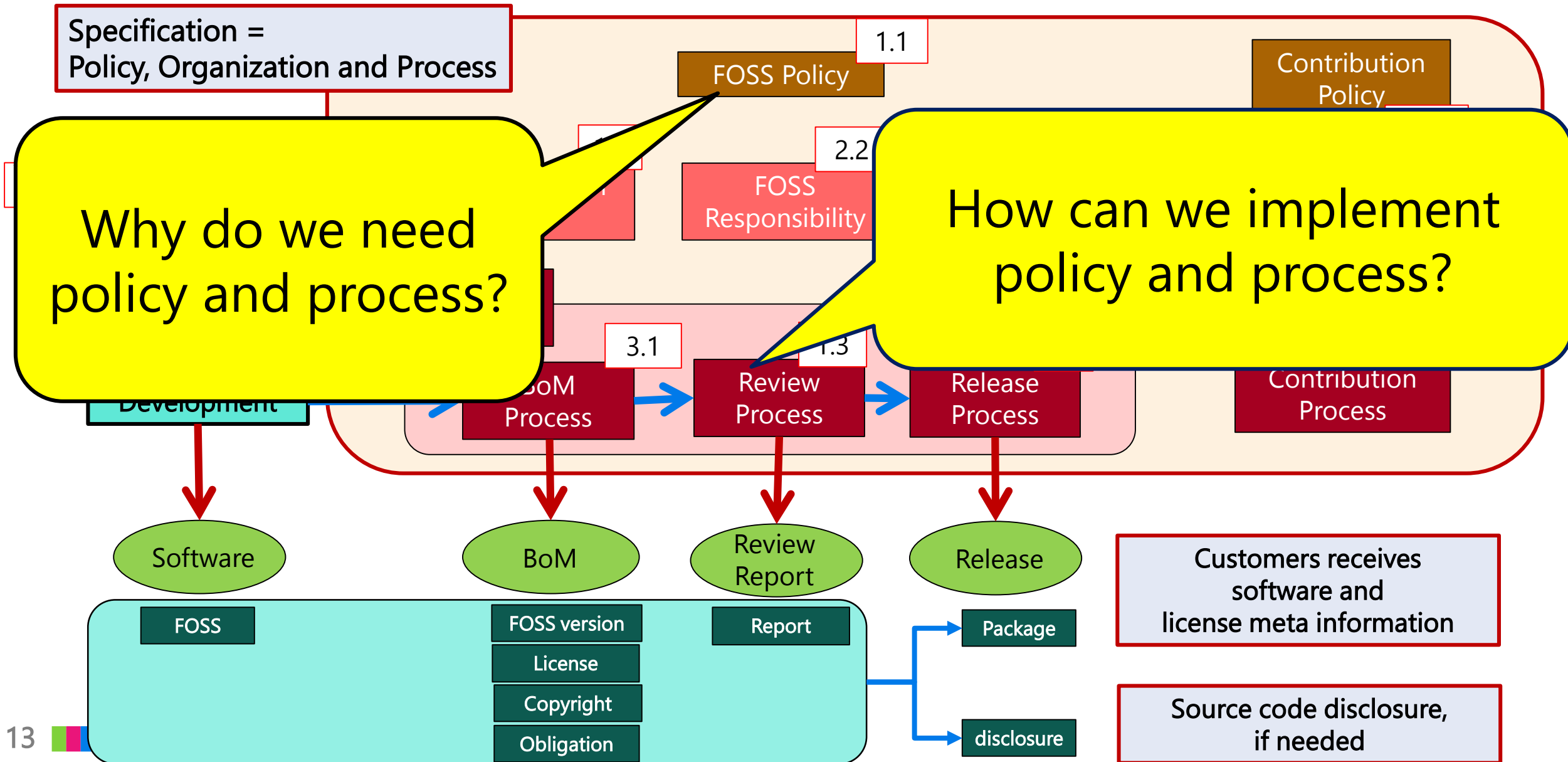
Activities:

To promote OSS compliance in Japan and Asia

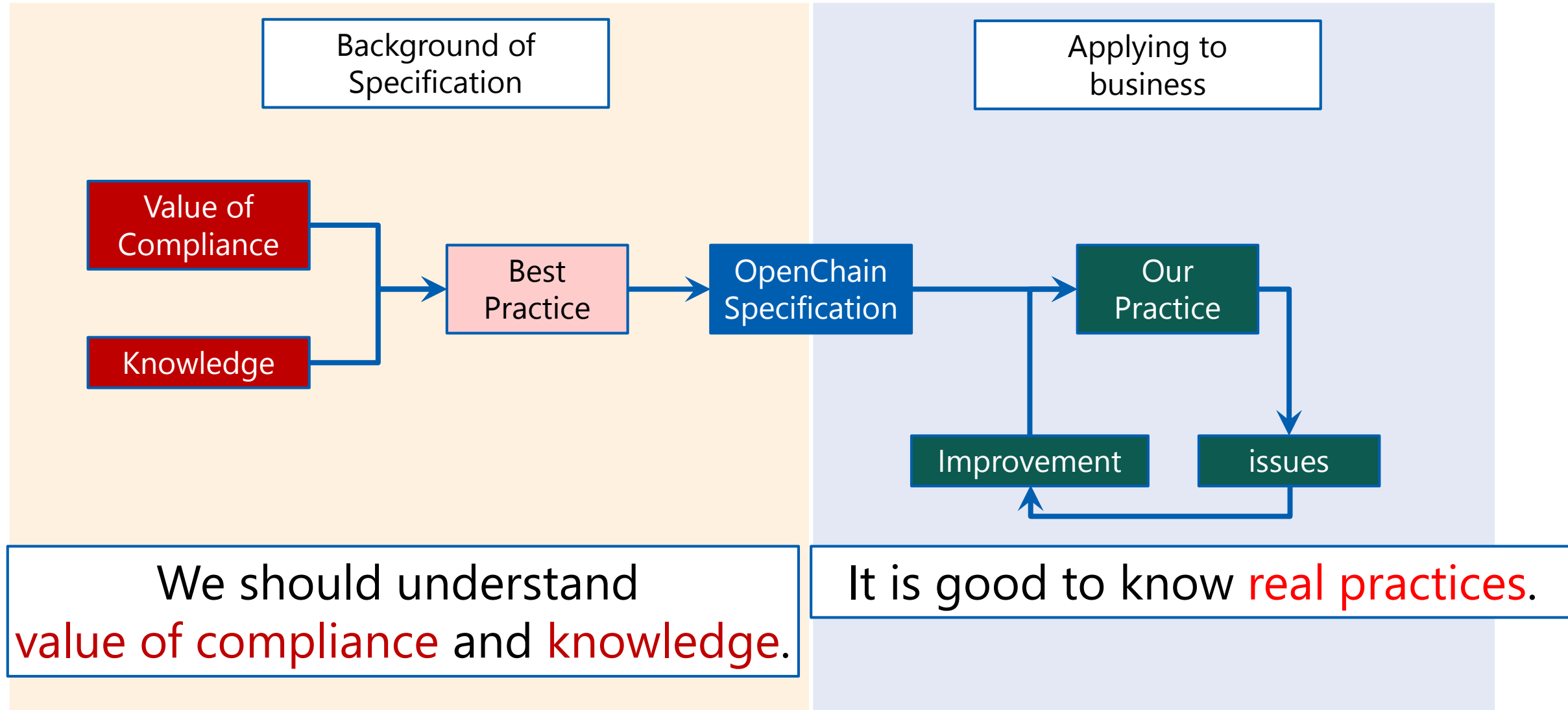
To resolve issues peculiar to Japan

To share information and store knowledge among members

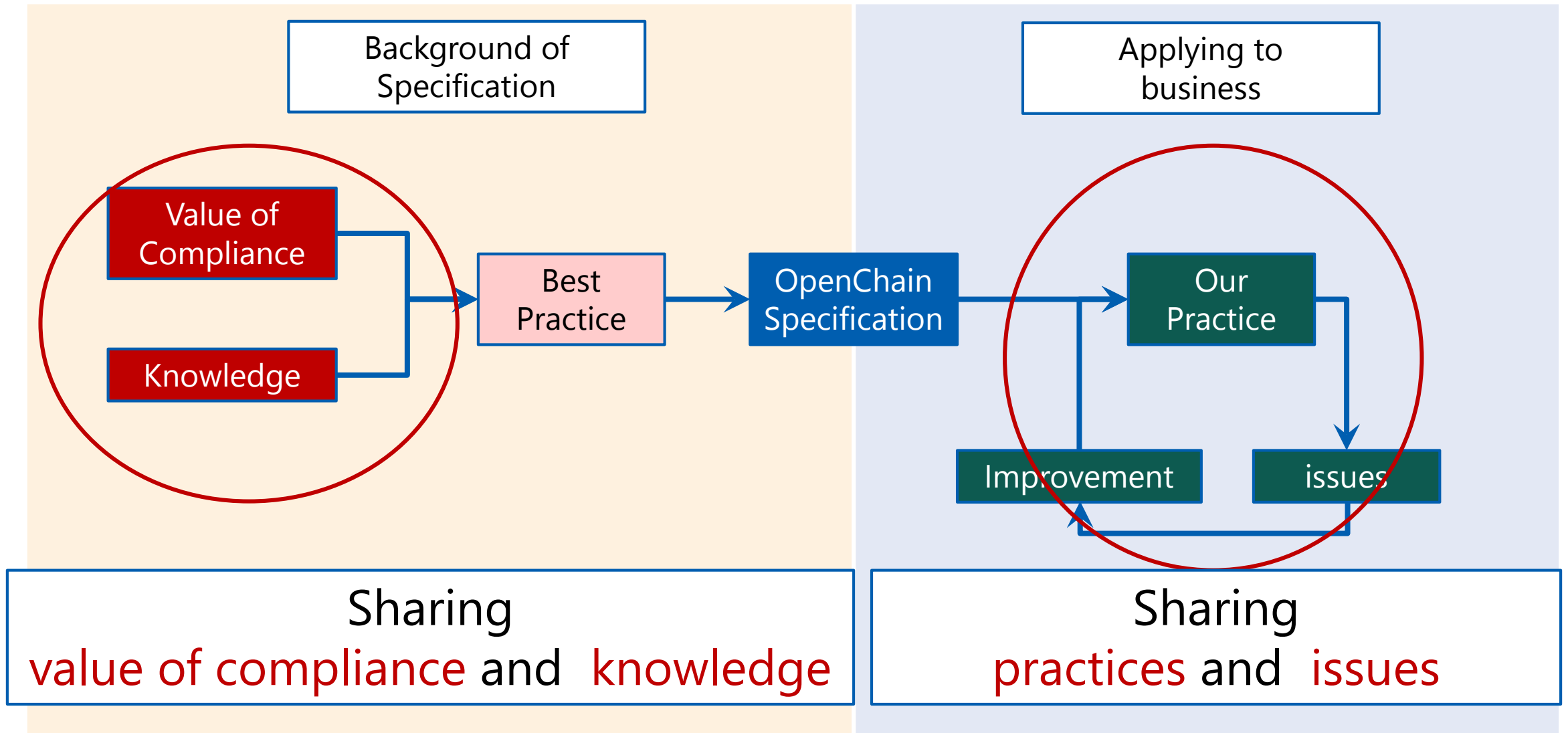
Overview of OpenChain Specification



Background and Applying of OpenChain

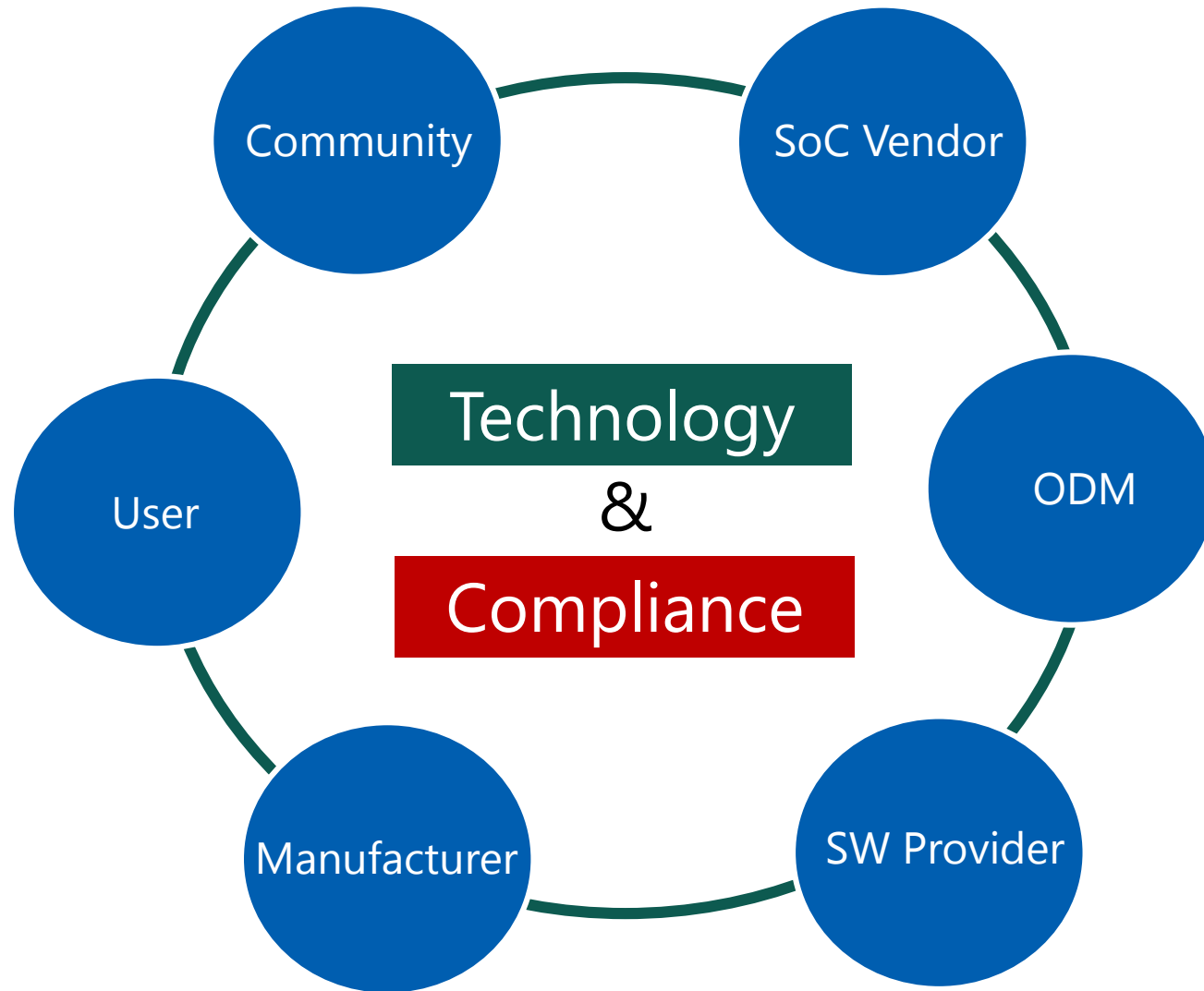


Japan WG activity



Value = Healthy Eco System

software = code + license



Resources for activity

Face-to-Face Meeting



Wiki <https://wiki.linuxfoundation.org/openchain/openchain-japanese-working-group>



Meeting
schedule / memo / documents / lightning talk
Japanese translation
Specification/Curriculum/onboarding/FAQ

All contents are written in both Japanese and English

ML openchain-japan-wg@lists.linuxfoundation.org

F2F Meetings (2018/August)

Venue: Nagoya
2018/Jun: **Toyota**



Venue: Osaka
2018/Apr: **Panasonic**



Venue: Tokyo
2018/Dec: **Tuv Sud Japan** (plan)
2019/Feb: **Mitsubishi Electric** (plan)

Venue: Tokyo
2017/Dec: **Sony**

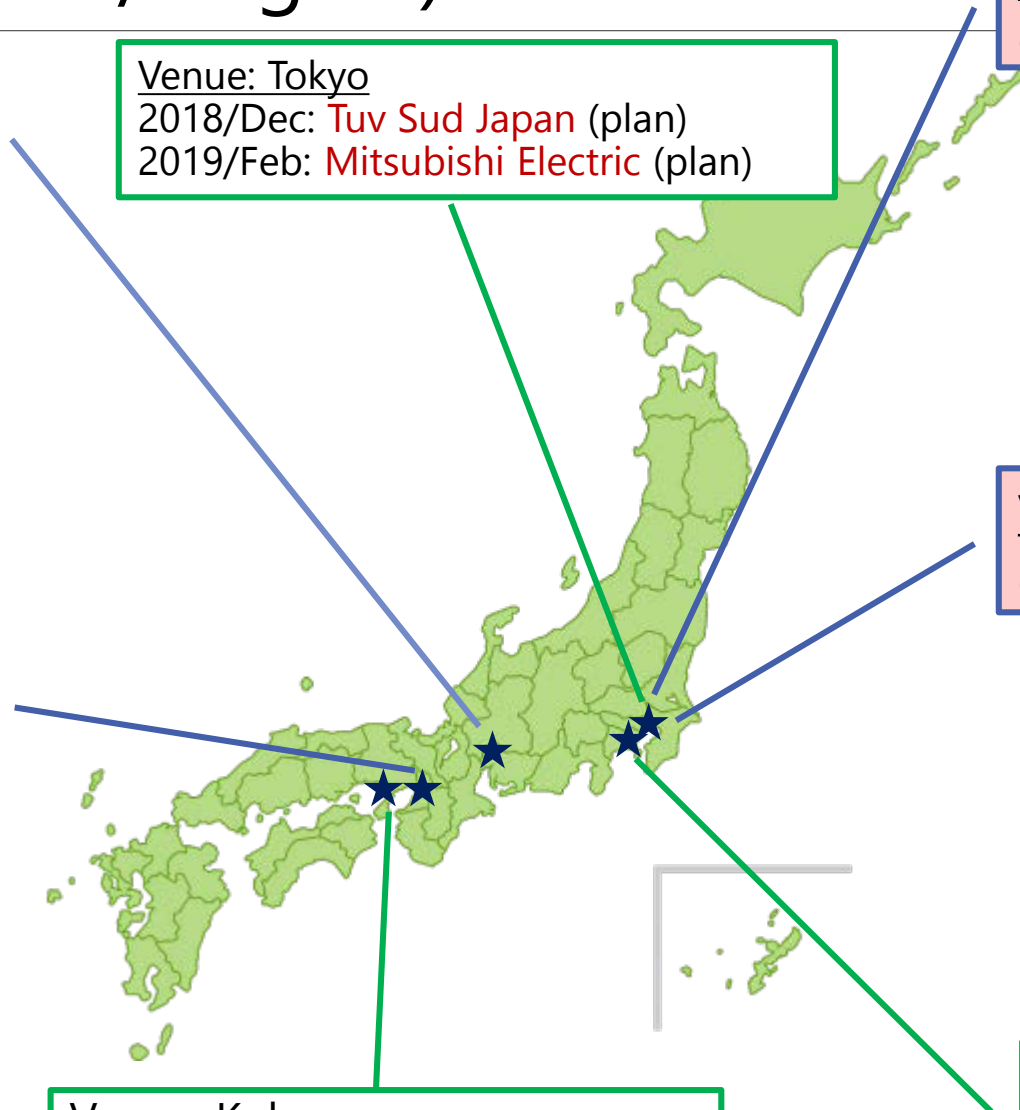


Venue: Tokyo
2018/Feb: **Hitachi**



Venue: Kobe
2019/Apr: **Denso Ten** (plan)

Venue: Kawasaki
2018/Aug: **Fujitsu** (plan)
2018/Oct: **Toshiba** (plan)



Topics at F2F Meetings

Discussion on mission and vision of Japan WG

Sharing of supply chain issues

Discussion on OpenChain Specification

Tools for OSS Compliance

Lightning talk about practices in each company

Lightning Talk in Japan WG

Lightning talk (sharing case study)

Short presentation (3 minutes within 1 page) by attendees

“No document, only aural presentation” is acceptable

Condition of anonymity is acceptable

Documents are disclosed in Wiki

Wiki <https://wiki.linuxfoundation.org/openchain/openchain-japanese-working-group>



Tips for the lightning talk

Leadership and good atmosphere

We do **NOT** judge “Good” and “Bad”.

In order to **collect important points**, format is pre-defined.

We **disclose** the documents on Wiki.

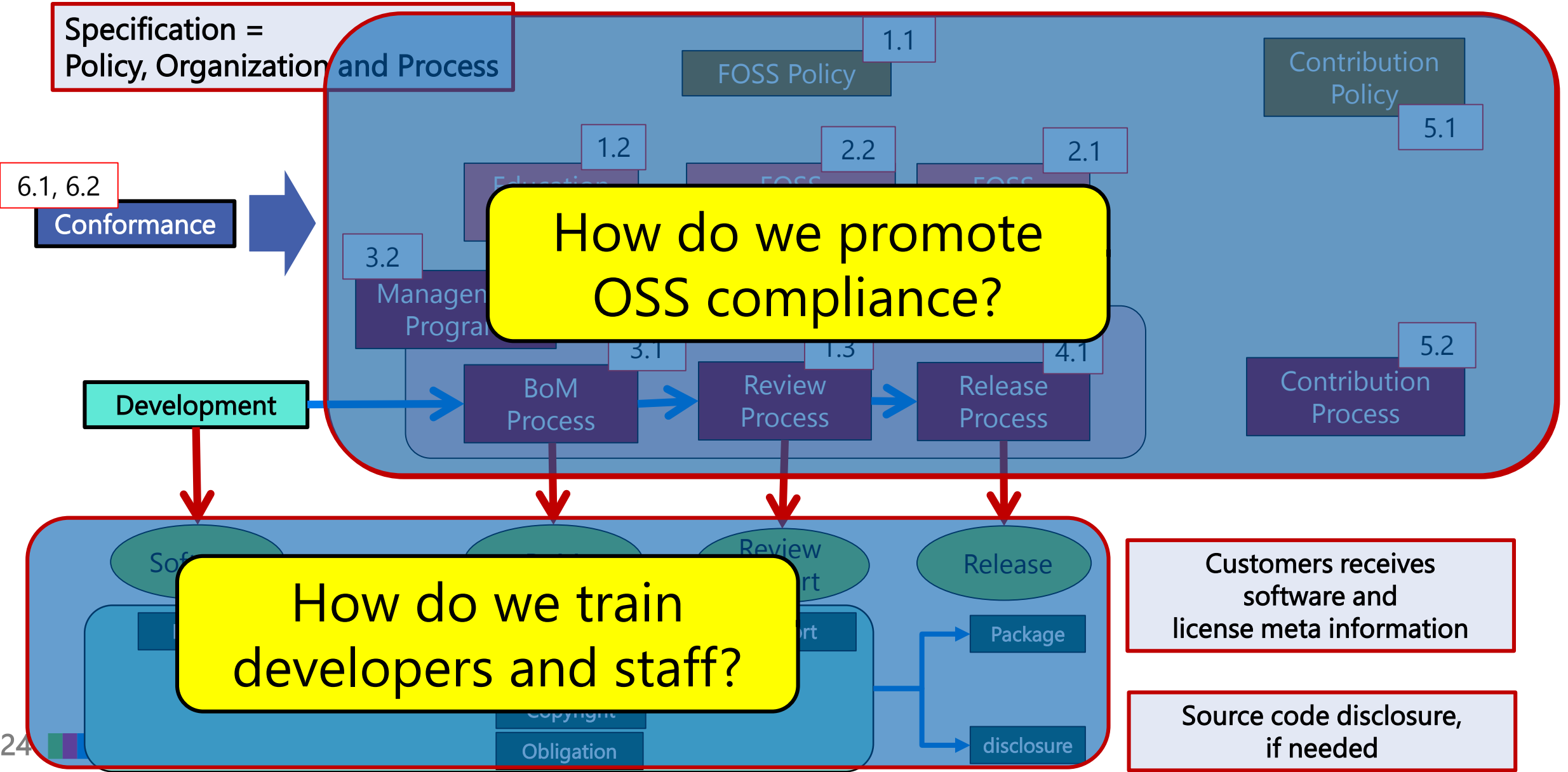
We **share** each practice **as a reference**.

Practices give you **good hints**.

Plan for lightning talk (2018/June)

- Organization to promote OSS compliance (2018/4/19)
- Training for engineers (2018/6/13)
- Promotive activities for OSS compliance
- Approach to subsidiary companies, and abroad subsidiary companies
- OSS contribution
- Approach to non-engineering employees
- How to respond to negative reactions from suppliers.
 "Other companies never say OSS compliance"
- How to respond to negative reactions from your engineers

Most important things



Plan for lightning talk (2018/June)

- Organization to promote OSS compliance (2018/4/19)
- Training for engineers (2018/6/13)
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"Other companies never say OSS compliance"
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OSS Compliance --Organization--

Company	Hitachi
Presenter	Activity lead by dedicated organization
Organization	Dedicated organization / Virtual or community type / by each employee / Alone (comment: OSS solution center promotes OSS appropriate usage inside Hitachi group and receives internal inquiries.
Number of person in charge	Over 100 / 99-21 / 10-20 / few / one / zero (comment: OSS compliance team belongs to OSS solution center.
Points of activities	OSS compliance team makes internal interpretation of OSS license with legal department. Interpretation gives easy explanation (Usage, Obligation, Restriction) to engineers.
Issues	Increase of OSS usage exceeds over internal interpretation. Interpretation requires personal skills, so that it is difficult to increase OSS compliance team.
Free writing	Activity of interpretation began in 2013. Each business unit individually made its rules, process and infrastructure for OSS OSS solution center was established in 2015. The core member of OSS compliance moved from advanced unit. OSS solution center is sharing the advanced activity (best practices) inside Hitachi group. Hitachi would like to contribute its OSS process and best practices to OpenChain.

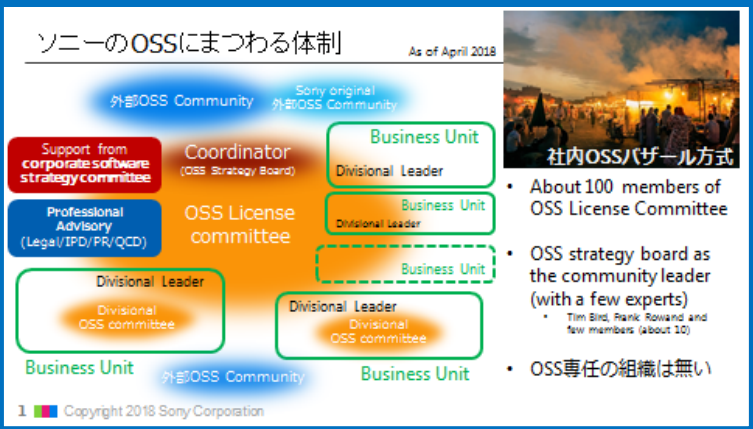
OSS Compliance --Organization--

27

Company	Toyota
Presenter	Activity lead by IP department
Organization	Dedicated organization / Virtual or community type / by each employee / Alone (comment:
Number of person in charge	Over 100 / 99-21 / 10-20 / few / one / zero (comment:
Points of activities	IP department leads activity. The committee for OSS was established. Usage of OSS is increasing, so that we are promoting "OSS literacy" in Toyota.
Issues	Activity and committee is voluntary. We are trying to establish internal OSS organization over company. Supply Chain.
Free writing	[questions] We would like to learn other company's practices: Training course in a company. How often. Who are the target trainees. (Related to OpenChain Specification) How to establish OSS organization. How to handle supply chain and abroad subsidiary companies (R&D center) (format, process)

OSS Compliance --Organization--

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Company	Sony
Presenter	Community type activity
Organization	Dedicated organization / Virtual or community type / by each employee / Alone (comment:
Number of person in charge	Over 100 / 99-21 / 10-20 / few / one / zero (comment:
Points of activities	Internal community for OSS license. Legal, IP department, Public Relation and QA are involved in the activity. Almost all business units participate in community. Abroad development sites are covered by community. Some business units have sub-community inside their units.
Issues	Skill up of each member: Analogy of medical care model (skillful home doctors and university hospital) Supply chain issues.
Free writing	<p>Please refer to the next page</p>  <p>ソニーのOSSにまつわる体制 As of April 2018</p> <ul style="list-style-type: none"> 外部OSS Community Sony original 外部OSS Community Support from corporate software strategy committee Coordinator (OSS Strategy Board) Business Unit Divisional Leader Business Unit Divisional Leader Business Unit Divisional Leader Divisional OSS committee Business Unit Divisional OSS committee Business Unit 社内OSSパザール方式 About 100 members of OSS License Committee OSS strategy board as the community leader (with a few experts) <ul style="list-style-type: none"> Tim Bird, Frank Rowland and few members (about 10) OSS専任の組織は無い <p>Copyright 2018 Sony Corporation</p>

OSS Compliance --Organization--

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Company	Panasonic
Presenter	Virtual type activity
Organization	Dedicated organization / Virtual or community type / by each employee / Alone (comment: No dedicated organization. Cross-function virtual group handles OSS license. Member is formally assigned by Business Unit.
Number of person in charge	Over 100 / 99-21 / 10-20 / few / one / zero (comment: Now the group concentrates on OSS license, and is starting to handle the technological aspect of OSS.
Points of activities	Legal and IP department are involved in the activity. Not only OSS but also software are treated. The group gives advices and final decision is made by Business Unit. The group collects best practices inside Panasonic and share them.
Issues	How to involve abroad subsidiary companies. Organizational changes give impacts on OSS activity, it may cause difficulty to maintain activity if a key person cannot continue to participate. Budget.
Free writing	<pre>graph LR; Panasonic --> CompanyA[Company A
• Engineer (AAA)
• Legal (BBB)
• IP (CCC)]; Panasonic --> CompanyB[Company B
• Engineer (DDD)
• Legal (EEE)
• IP (FFF)]; Panasonic --> CompanyC[Company C
• Engineer (OOO)
• Legal (PPP)
• IP (QQQ)]; Panasonic --> HQ[HQ (office)
• Engineer (XXX)
• Legal (YYY)
• IP (ZZZ)]; CompanyB -.- CompanyC</pre>

OSS Compliance --Organization--

30

Company	Anonymous
Presenter	Only one employee
Organization	Dedicated organization / Virtual or community type / by each employee / Alone (reference: actually only one person.
Number of person in charge	Over 100 / 99-21 / 10-20 / few / one / zero (reference: actually only one person.
Points of activities	The consciousness is low. I'm struggling alone.
Issues	How to promote OSS compliance to managements and over company
Free writing	<p>I would like to improve the awareness of the OSS compliance in the industry.</p> <ul style="list-style-type: none">* increase members working for the OSS license and compliance* need the education of the OSS license and compliance<ul style="list-style-type: none">- Translation : when proposing on the ML, after that, start to translate.- Join in the event : when proposing at the 1st JWG meeting, after that, Hitachi did.- propose : join in the OSC KYOTO- propose : make MOOCS materials about the education curriculum

Plan for lightning talk (2018/June)

- Organization to promote OSS compliance (2018/4/19)
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- How to respond to negative reactions from suppliers.
"Other companies never say OSS compliance"
- How to respond to negative reactions from your engineers

Company	TOYOTA MOTOR CORPORATION		
Presenter	Hiroki Takemi	date	June 5th, 2018
Items	<ul style="list-style-type: none"> • Published the OSS Manuals (both beginner and intermediate ver.) to employees via intranet. Some of them were shared with overseas R&D bases. • Developing e-training of Software copyright and OSS due to the expansion of the use of OSS. 		
Issues	<ul style="list-style-type: none"> • Considering training materials (What kind of training is appropriate for each div.?) • No official policy for OSS compliance which should be incorporated in the materials. <p># How do you provide training in your company where you don't have sufficient system or policy.</p>		
What we explain	<ul style="list-style-type: none"> • OSS compliance risk such as reputation risk in OSS communities 		

Company	Toshiba corporation	Wiki	OK / NG
Presenter	Hiroshi Nozue	Date	2018/06/04
Item	<ul style="list-style-type: none"> • In-house OSS Compliance Seminars <ul style="list-style-type: none"> • Novice class : 2 hrs, once a 2 years, for anyone interested in OSS • Middle level : 4 hrs, once a year, for a person in charge of development 		
Issue	<ul style="list-style-type: none"> • Education methods • Update turns of contents • Continuing and Progress 		
Sample	<ul style="list-style-type: none"> • (when doing the education or making an Awareness, what do you talk for an example?) • We need curriculums that are suited for the business and experience of attendees i.e. person not in charge of OSS product or higher management of sales. • It is difficult to keep periodical classes so long years under the fragile conditions. • We need various methods for the education i.e. classroom textbooks, e-learning materials or measures of understanding. • We often have difficulty in revising and updating our materials with something new. • The persons who get basic knowledge of compliance may be expected to get further knowledge by themselves and to inform it each other in their community. 		

Company	Sony	Wiki	OK / NG
Presenter	Hiroyuki Fukuchi	Date	2018/6/5
Item	<ul style="list-style-type: none"> • OSS training (9hours, 4times/year) + customized course for each development site (Japan and abroad) • OSS community training • Freshman training • E-learning (including non-engineer) 		
Issue	<ul style="list-style-type: none"> • Fostering next-gen. leaders • Education to non-engineers, suppliers, subcontracting companies • Open sourcing 		
Sample	<ul style="list-style-type: none"> • Trainer lectures on OSS with belief and enthusiasm • “Our company encourages employees to use OSS actively” • “Many engineers want to build a good world through developing OSS” • It is important to understand the background of each OSS license, and intention of developers • It is important to understand the time of distributing OSS • There are quizzes of use cases where non engineers are involved in OSS distribution. These quizzes make non engineers aware of their responsibility • Episodes related with a community experienced by the trainer give good impression to trainees • By categorizing with few patterns, Sony’s examples of Open Sourcing are explained. • Maintainers undertake trainers, who explain real activities in a community 		

Company	FUJITSU LIMITED	Wiki	OK / NG
Presenter	INTELLECTUAL PROPERTY INNOVATION DIV. Yoshiko Ohuchi	Date	2018/06/08
Item	<ul style="list-style-type: none"> The followings are education programs provided by Intellectual property divisions (separately, each business group has its own education program) E-learning programs (20–30 mins) about the below topics are provided: <ul style="list-style-type: none"> ① OSS basics (all employee) 、 ② Measures to be taken in development phases (engineer) 、 ③ Distinguish GPL propagation (engineer) 、 ④ Investigation and observance of License(engineer) 、 ⑤ Notes for entrusted development (sales) Lectures are held based on request of business units (based on purchasing div.'s request, give lectures to management and engineers of outside software vendor) Teaching materials for the above programs are re-constructed and distributed to foreign group company (in English, Chinese, Korea, and Japanese) Some materials are disclosed among group companies: “OSS usage guide”, “OSS community participation guideline”, “Checkpoints for disclose programs as OSS” etc. 		
Issue	<ul style="list-style-type: none"> Correct understanding of intellectual property rights is required before OSS education Misunderstanding caused by info. on the internet prevents correct license interpretation 		
Sample	<ul style="list-style-type: none"> Practical use of OSS is necessary for software business Explain important notices for using OSS (trying not to use the word “risk”) Introduce trouble examples based on foreign litigation or information on the internet Explain important points that are often misunderstood, by presenting easy Yes/No quiz Frequently, a plurality of licenses are included in downloaded OSS 		

Company	Panasonic Corporation	Wiki	OK / NG
Presenter	Shinsuke Kato	Date	2018/05/24
Item	<ul style="list-style-type: none"> • OSS Compliance Seminar (2 hour. Held per 2 year. In the each division. For 400 persons in the year. <ul style="list-style-type: none"> • The seminar is held in each section. The attendees are 20 – 150. The target is not only the engineers but also legal/IP members. • OSS e-test (only 20 questions and all are easy. For over 1,000 persons. • Release the news paper of the OSS compliance in the company (irreculaly) 		
Issue	<ul style="list-style-type: none"> • Creating a unified operation system throughout the entire company including the global supply chain 		
Sample	<ul style="list-style-type: none"> • (as a whole and general theory) Do not abide by the OSS compliance terms is “copyright infringement”. Do Panasonic do the business in such situation? • When developing the software, of course, you know the all software you use. The software management for the OSS compliance is not for the only OSS, it’ s one of the management for the all software. • When developing and releasing the device or service, we should apply for the various conditions/terms. The OSS compliance terms is one of them. Maybe, it’ s easier than the other serious terms. 		

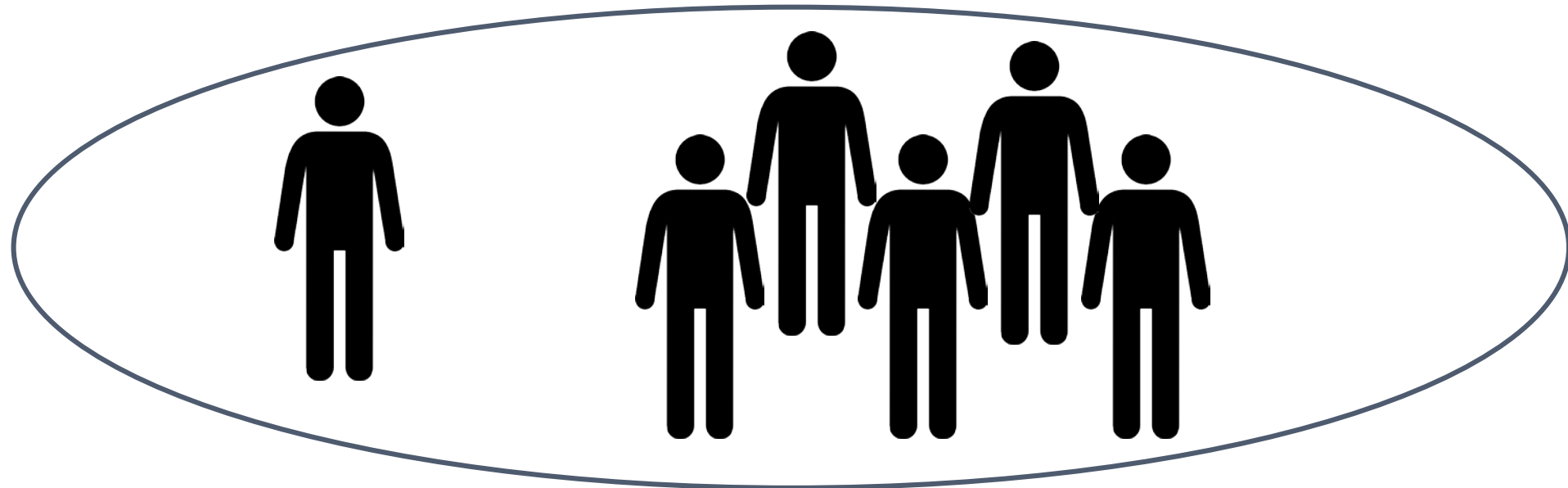
Company	Noname Company	Wiki	OK / NG
Presenetr	Nanashi-san	Date	2018/06/08
Item	<ul style="list-style-type: none"> • e-learning, with simple test. (The contents are changed by software developers and software related departments) • Along with the increase in number of developers, we moved to e-learning • In the past, we held a seminar of about 2 hours a year several times, but now we are implementing it when there is a request 		
Issue	<ul style="list-style-type: none"> • People change a lot. Because there is no compulsion power, unattended persons will come out • There is a variation in understanding degree • Overseas response • Response to "people who do not understand" 		
Sample	<ul style="list-style-type: none"> • Please actively use OSS. • Each OSS has a license, and you need to sign a contract to use it • It is impossible to use software without complying with the contract as a company • When using OSS, developers themselves trying to use themselves need to know the identity of OSS and protect their licenses • It is natural that you comply with the license as a company. Shipment of products incorporating software that does not comply with licenses will cause customers inconvenience. Such things are not allowed. 		

Community

To Experience a Community

Japan WG is a community, even though without code development.

Japan WG provides a good opportunity for compliance people to **experience a community**.



Why is Japan WG so active?

Japan WG is driven in a community way.

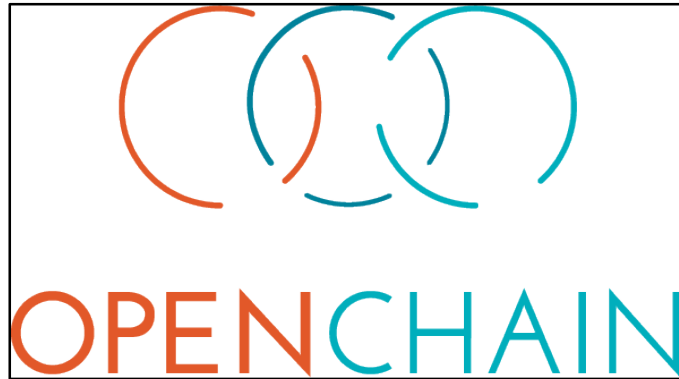
People who understand both OSS and real problems
We are eager to resolve problems in supply chains

Place where OpenChain provide **Neutrality** and **Confidence**
We can trust each other

Leadership brings good atmosphere
We collaborate each other

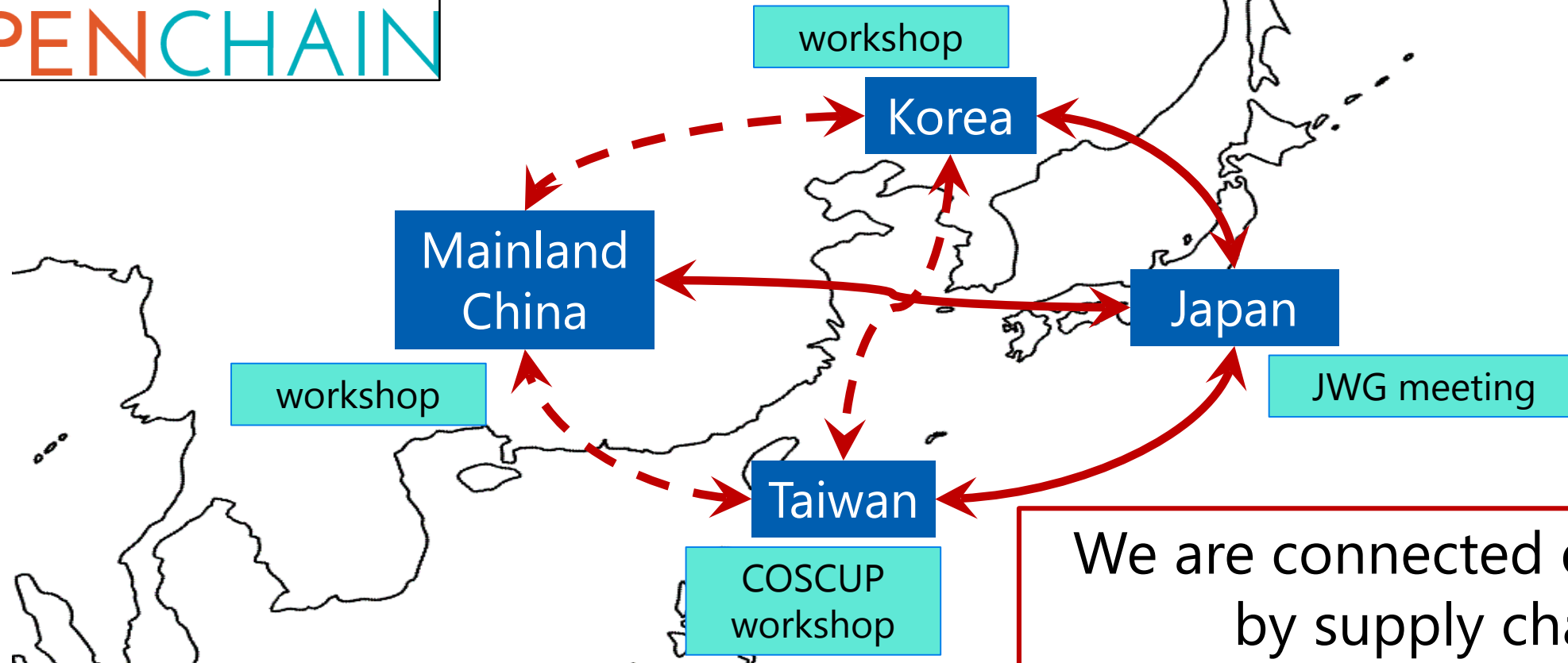
Local and International

Local and International



International
Collaboration

Activity
in Local language



Japanese Translation for OSS and compliance

Translation project

Hosted by **the Linux Foundation Japan**

Translation of **OSS related works**

Voluntary and **self organized** activity

Translation is disclosed on **GitHub**

Translation is a **bridge between a community and the locals**

Translation works

[The OpenChain project](#)

Specification / Curriculum / FAQ / Onboarding
Case study / Kanban



[Compliance handbook \(written by Ibrahim Haddad\)](#)

"Open Source Compliance in the Enterprise"
"Open Source Audits in Merge and Acquisitions"



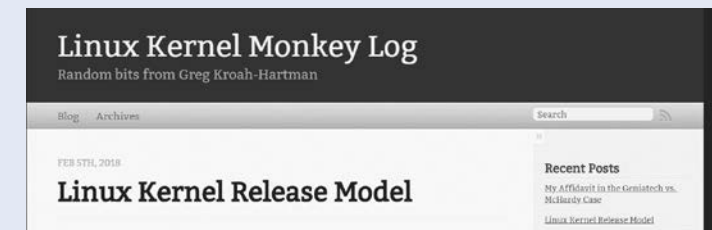
[CDLA](#)

Community Data License Agreement



[Greg Kroah-Hartman's blog](#)

"Linux Kernel Community Enforcement Statement"
"Linux Kernel Release Model"



Future Challenge

Future Challenges

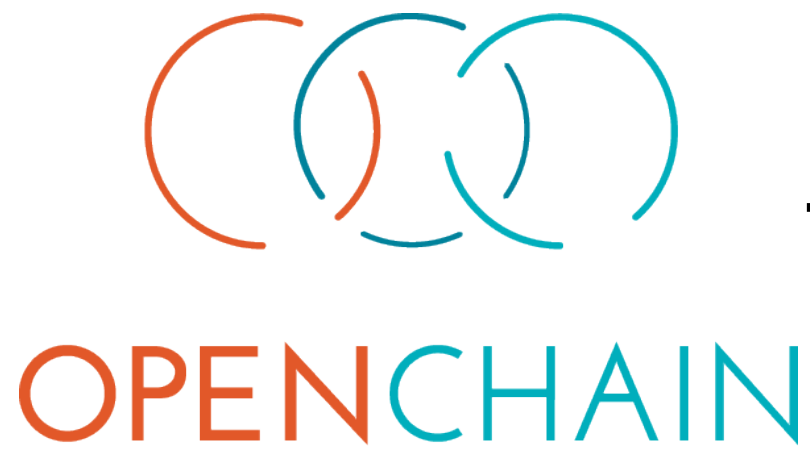
To continue **fostering environment** for suppliers in Japan

To **expand** members

To collaborate **with Asian** countries

To **contribute** to OpenChain project

Do it in a community way



Thank you!

Appendix

Resources

- OpenChain project:
 - Website: <https://www.openchainproject.org/>
 - Wiki: <https://wiki.linuxfoundation.org/openchain/start>
 - GitHub: <https://github.com/OpenChain-Project>
 - ML: openchain@lists.linuxfoundation.org
 - Translations: <https://www.openchainproject.org/translations>
- OpenChain Japan WG:
 - Wiki: <https://wiki.linuxfoundation.org/openchain/openchain-japanese-working-group>
 - ML: openchain-japan-wg@lists.linuxfoundation.org
- Japanese Translation project:
 - GitHub: <https://github.com/lf-j>
- Japan Technical Jamboree
 - Wiki: https://elinux.org/Japan_Technical_Jamboree_65

F2F Meetings

No.	Date	Meeting Host	Num. of attendees	Num. of companies
1	2017/Dec/27	Sony	22	8
2	2018/Feb/22	Hitachi	22	10
3	2018/Apr/19	Panasonic	25	13
Ad hoc	2018/Jun/8	Sony	20	12
4	2018/Jun/13	Toyota	40	25
5	2018/Aug/31	Fujitsu		
6	2018/Oct/xx	Toshiba		

Japan WG members (2018/June)

Members: (22 entities / 1 individual)

Linux Foundation,
Cybertrust, Fujitsu, Grape system, Hitachi, Hitachi Solutions,
Macnica, Mitsubishi Electric, NEC, NEC solution, NTT data mse,
Olympus, Optinet, Panasonic, Pioneer, Renesas, Ricoh,
Socionext, Sony, Toshiba, Toyota, Tuv Sud

Everyone can be a member, even if as an individual

Japan WG

Level and activity

Level1 NOT understand Importance of OSS Compliance	Level2 NOT understand what to do	Level3 NOT understand how to do	Level4 Not Understand how to get certification
<ul style="list-style-type: none">●To join events (for Engineers/ Legal people/ IP people)●PR (Traditional Media/ Tech Media/ SNS)	<ul style="list-style-type: none">●Workshop●Case Materials (Wiki/ Handbook/ Academic paper)	<ul style="list-style-type: none">●Consultation●Training support	<ul style="list-style-type: none">●Self certification support●Third-party certification