Global Compliance Double Open

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Short Background for OSS Compliance

- Open source compliance is complex
- Organizational challenges
- Explosion of open source usage, and speed of development
- Manual compliance is too slow, too work-intensive, too error-prone

- Proprietary products
- Open initiatives and tools
- → Need for end-to-end open tooling with open data

Short Background for Double Open project

- Non-profit project by HH Partners, Attorneys-at-law
  - Long time service provider for Validos ry (non-profit, Finnish association)
    - Validos ry provides collaborative open source compliance services for ~Finnish enterprises
- Part of 4API project by the University of Helsinki, Computer Science Dep
  - Generic API business research project, about 10 participants
  - Double Open received government funding as part of 4API
- Double Open publishes with open licenses, currently CC-BY-4.0
  - Open open compliance → double open
- Since 1 December 2018, running until 30 June 2020 (31 January 2021)
- HH Partners has had open source compliance business since 2008; automation needed; trouble in offering our services to tools and processes which are in silos; self-interest is to have open open tooling and open data.

Engaging with global community is important

- Open tools with open data works best if many use it, so aligning with the ecosystem and working together with the ecosystem is the best (only?) way
- Therefore communicating is important, inclusivity is important
- Webpage, email-list, Github-publications, surveys, conferences, meetings, google docs

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Standing on the shoulders of giants

- We don't want to redo what others have done
- We want to build on top of others

- Background research, surveys
  - https://github.com/doubleopen-project/doubleopen-publications/blob/master/publication.md#double-open-landscape-survey
  - Survey: https://github.com/doubleopen-project/doubleopen-publications/blob/master/Ecosystem%20survey%202019/Pit%20stop%20results%20v2%2020190314.pdf

Standing on the shoulders of giants

Current actions in Double Open

- Service modelling with our own clients (Vaisala, Sandvik)
- Discussions in OSS-tooling-group, LN Barcelona
- Concept creation - public commentary to our concept:
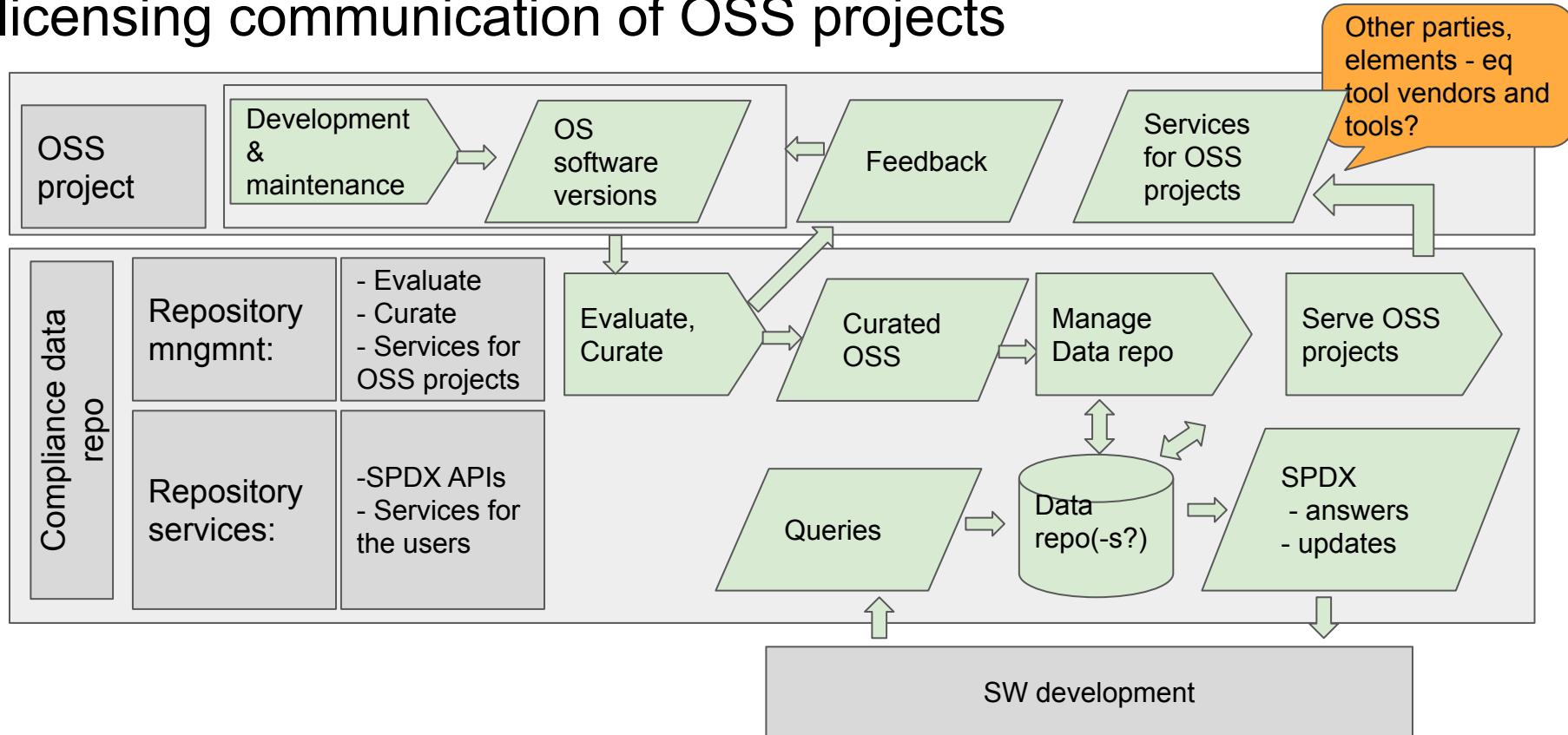 - https://docs.google.com/document/d/1YVF6TGA4pHfig7nzGEF3v1Z0E1j76sgZximu4hoMitI/edit#

Processes with results in global open open compliance

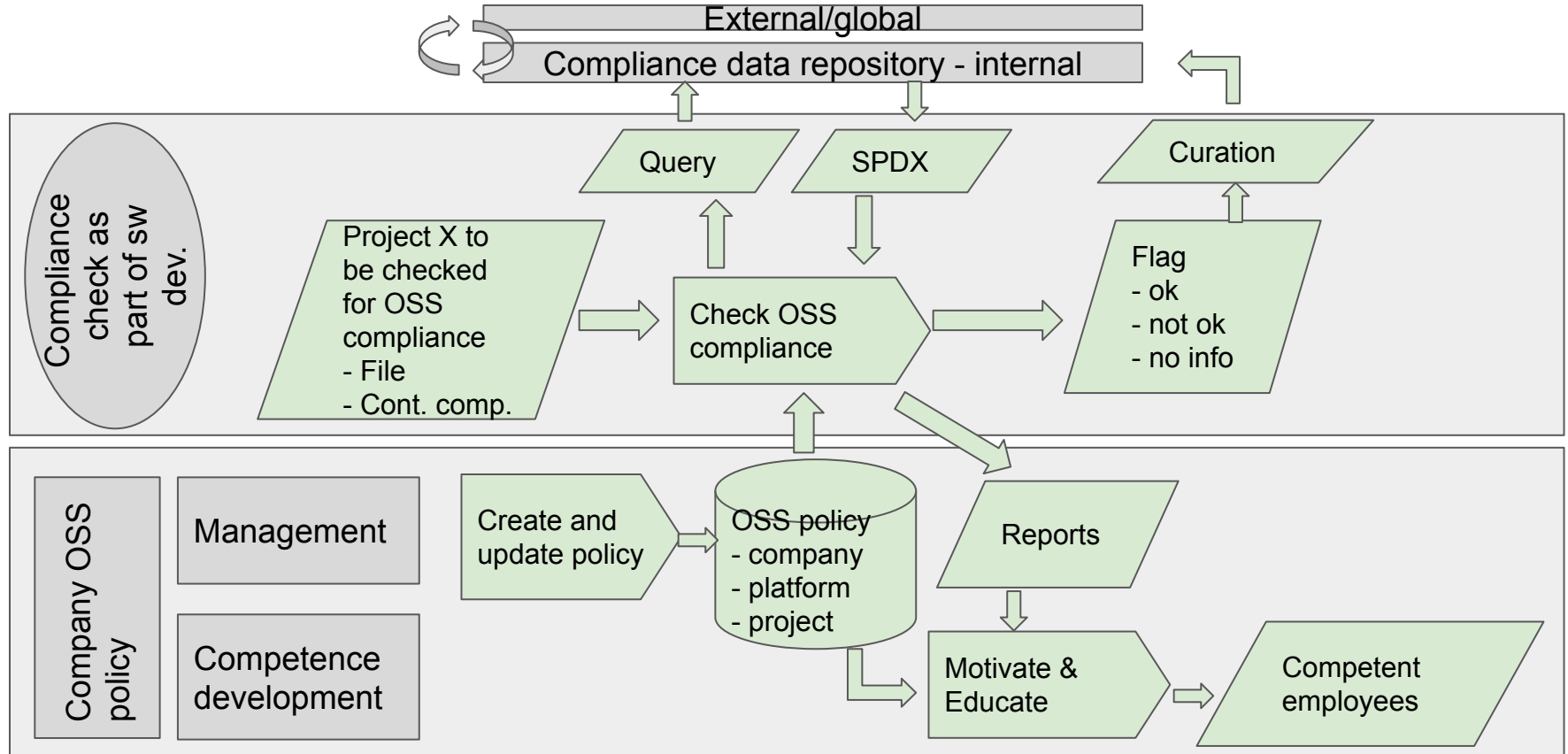|	
OSS project	Developed and maintained OSS projects with version management; Improvement of licensing communication
Compliance data repository	Scanner results, curation results re OSS compliance data with APIs for developers & enterprise users
SW Development	Developed and maintained software meeting customer needs and meeting OSS compliance requirements
Company OSS policy	Company wide OSS compliance policies and best practices implemented and adopted

Data curation, compliance checking

Continuous compliance integrated in the CI/CD tool chain. In addition ad-hoc running of compliance test available.

OSS project and compliance data repository to help improve licensing communication of OSS projects

OSS Compliance check and OSS Company Policy

External/global

Compliance data repository - internal

Compliance check as part of sw dev.

Query

SPDX

Curation

Project X to be checked for OSS compliance
- File
- Cont. comp.

Check OSS compliance

Flag
- ok
- not ok
- no info

Company OSS policy

Management

Competence development

Create and update policy

OSS policy
- company
- platform
- project

Reports

Motivate & Educate

Competent employees

Double Open concept

- In development, participation is welcome
- https://docs.google.com/document/d/1YVF6TGA4pHfig7nzGEF3v1Z0E1j76sg Zximu4hoMitI/edit#
- Aiming to have concept ready in August/September 2019
- Once concept is ready → Proof-of-concept