Open Source Ecosystem
for Luxembourg and beyond

François Thill, Director cyber security,
Ministry of the Economy.

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Économie

Agenda

- Current situation
- Recent developments
- Why we want to push further
- Next Steps

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG

Open Source status reports 2020

European Commission

DG DIGIT

Unit.D2 (Interoperability Unit)

Open Source Software
Country Intelligence Report

Luxembourg

2020

ISA²

➢ The EC Open Source report identified:

- No structured proposals/policies for Open Source

- No strategic plan to enable local players

- No coordination between institutions

- No coordinated commercial ecosystem

- Open Source associations: LiLux

- Negative results when Open Source solutions have been proposed in Parliament.

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG

There are "entities" but no **catalyst** to create a community

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG

There are incentives in GBER

Loi RDI

Majoration 15 points de pourcentage,

si une des conditions suivantes est remplie:

- le projet ou programme repose sur une collaboration effective:
  - entre des entreprises parmi lesquelles figure au moins une PME, ou est mené dans au moins deux États membres, ou dans un État membre et une partie contractante à l'accord sur l'Espace Économique Européen, et aucune entreprise unique ne supporte seule plus de 70 pour cent des coûts admissibles, ou
  - entre une entreprise et un ou plusieurs organismes de recherche et de diffusion des connaissances, et ce ou ces derniers supportent au moins 10 pour cent des coûts admissibles et ont le droit de publier les résultats de leurs propres recherches;

- les résultats du projet ou programme sont largement diffusés au moyen de conférences, de publications, de dépôts en libre accès ou de logiciels gratuits ou libres.

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG

Establishment of a data cloud as a GDPR-compliant platform for teachers in Luxembourg

The Centre de gestion informatique de l'éducation, the IT resource management administration of the Ministry of National Education, Children and Youth in Luxembourg, is in charge of preparing and implementing the government's policy in the areas of education, children and youth. In 2020, the CGIE launched a Nextcloud service to provide **about 15000 teachers and staff members** with a GDPR compliant file storage.
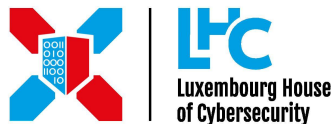
SIGINOVA

La nouvelle plateforme de conception d'applications métiers développée par le SIGI

Marc Hansen announces the launch of 'Luxchat', an instant messaging service 'made in Luxembourg'

Press release   16.11.2022

On 16 November 2022, Marc Hansen, Minister Delegate for Digitalisation, announced on the second day of the "Luxembourg Internet Days 2022" the launch in the coming months of a brand new instant messaging service called "Luxchat", entirely developed and hosted in Luxembourg.

Luxembourg House of Cybersecurity

Cybersecurity:
Everything LHC produces since 2012 is in Open Source

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG

Open Source, Open Standards and Open Data are important

- Fundamental for Digital Sovereignty

- Are the base for a **trusted data driven economy**

- Promote sustainable innovation

- Develop and preserves local skills

- **Can address marked failures**

  - **lack of coordination**
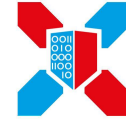
  - **asynchronous information**

Assessment:

In cybersecurity there are huge market failures:

- lack of coordination

- Asynchronous information

Activities

- Luxembourg participates as an indirect partner to the IPCEI-CIS

- Creates Open Source SOC and CERT technology for the Cloud

- Creates an **open cybersecurity Data space**

- **Publishes all via a "resource centre", which will be transformed into an OSPO in cyber security**

Open Source Programme Office

- Leading by example starting with Cyber Security tooling (since 2012, going further as catalyst)

- Active in collaborative organisational and technical security

- Shares best practices and experiences

- Wants to act as a catalyst in LU and in Europe