

Public Money? Public Code!

Global problems need global solutions!

November 21 • 12:00 - 12:30 • Fosscomm2020

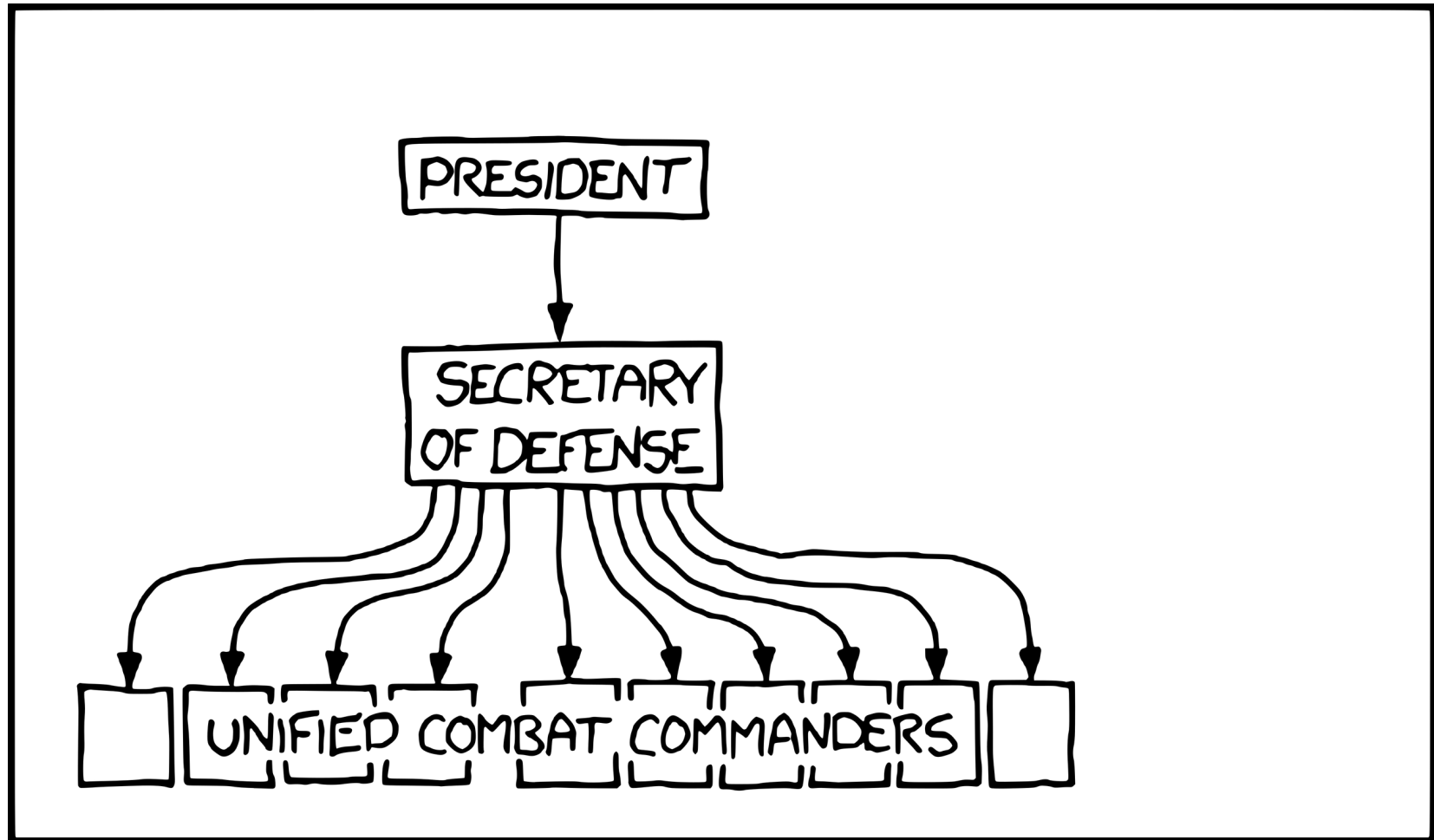
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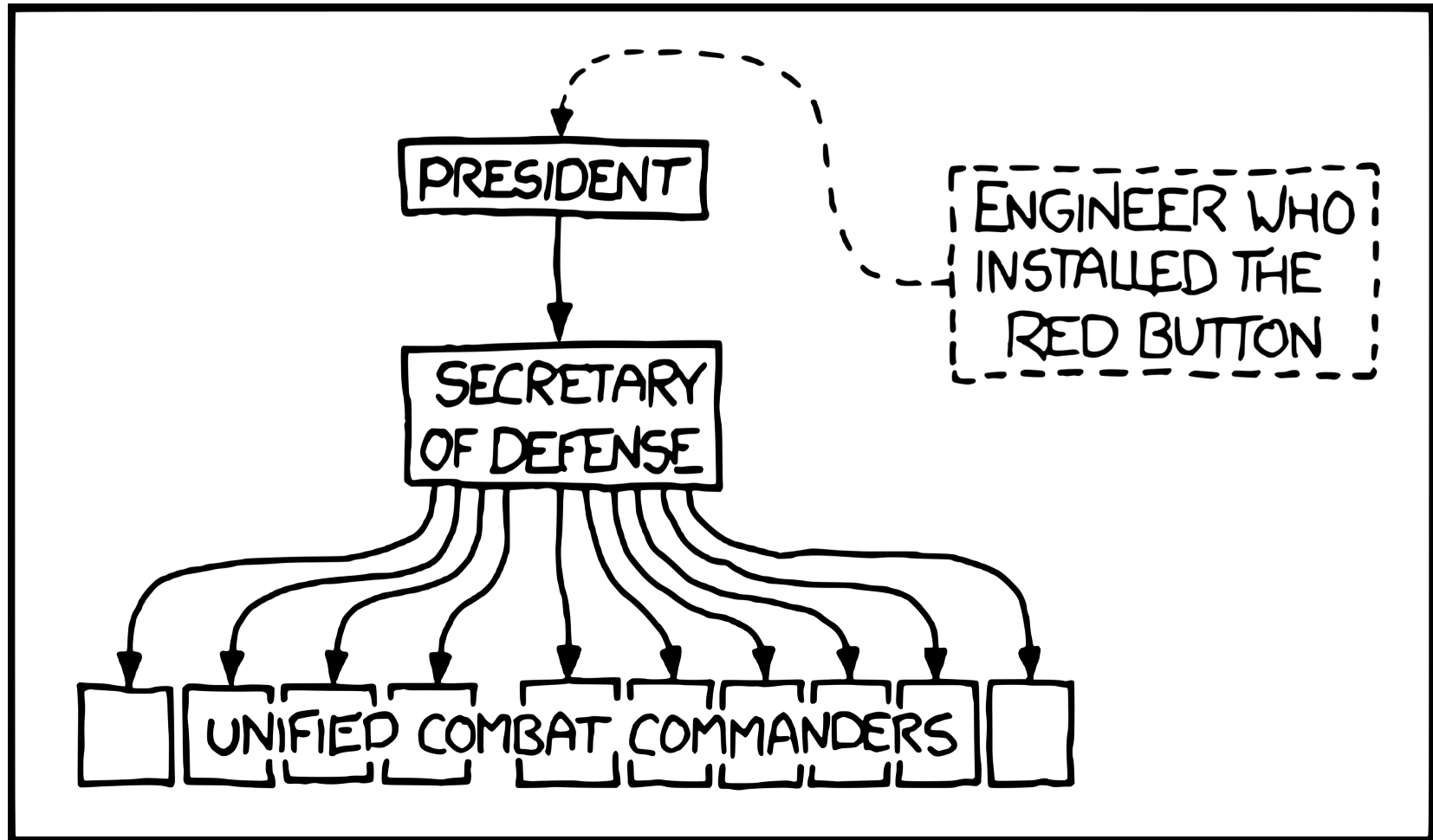


**Free Software Foundation Europe is a charity
that empowers users to control technology.**





US NUCLEAR CHAIN OF COMMAND



US NUCLEAR CHAIN OF COMMAND

What is Free Software

Use

The software can be used for any purpose without restrictions.

Study

The software and its code can be analysed by anyone.

Share

The software can be shared without limitations.
The price doesn't matter.

Improve

The software can be modified by you or others to give back to the community.





**Why you should
support Free
Software**





Digital Sovereignty

In order to establish trustworthy systems, public bodies must ensure they have

full control over the software and the computer systems

at the core of our state digital infrastructure.





Public Money

Public bodies are financed through taxes.

They must make sure they spend funds in the most efficient way possible.

Problems proprietary Software

- **No interoperability**
- **Vendor lock-in**
- **Unpredictable costs & maintenance**
- **Low acceptance by citizens**
- **Investments are lost**
- **security issues**

- **Interoperability due to open standards**
- **Independence through free licenses**
- **Collaboration shares risks and costs**
- **Transparency by default**
- **Involvement of local partners**
- **Auditable code**

Solution Free Software



Governments are amongst the largest purchasers of information technology (IT) goods and services and comprise up to 27% of revenue for software firms.



France regulation led to

a 0.6% - 5.4% yearly increase in companies that use FS,

a 9% - 18% yearly increase in the number of IT-related startups,

a 6.6% - 14% yearly increase in the number of individuals employed in IT related jobs,

and a 5% - 16% yearly decreases in software related patents.



Barcelona:

Collaboration with other cities

**70% of its software budget to be
invested in Free Software**

3.000 Companies, 60% SMEs

Why you should support Free Software



Regionality

Regional SMEs can become strong partners.



Autonomy

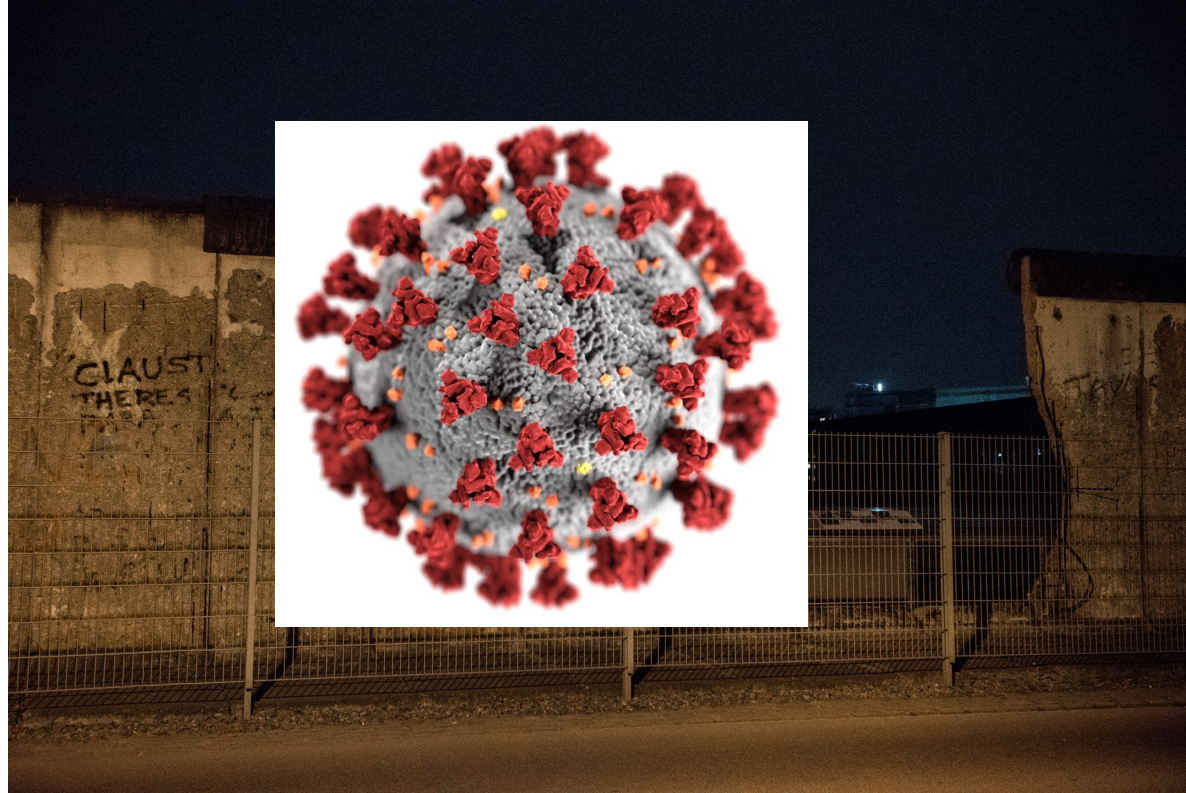
Free Software helps to develop and maintain tailored software that suits your needs, not just the vendor's business model.



Efficiency

With transparent processes, others don't have to reinvent the wheel. Major projects can share expertise and costs.

Global problems need global solutions!



Global Problems

- Global crisis with similar demands
- Specific hardware and software needed
- Home office / remote working
- Tracing Apps

- Interoperability due to open standards
- Independence through free licenses
- Collaboration to foster innovation
- Acceptance due to transparency
- Involvement of all stakeholders possible

Global Solutions

Freedom and Equity in Healthcare



**Software Freedom Podcast Special about GNU Health
with Dr. Luis Falcón and Dr. Axel Braun**

<https://fsfe.org/news/podcast.html>



Apps

- **Used voluntarily**
- **Respect fundamental rights**
- **And be Free Software**



Ethical considerations to guide the use of digital proximity tracking technologies for COVID-19 contact tracing

Interim guidance
28 May 2020



„There should be **full transparency** about how the applications and application programming interfaces (APIs) operate, and publication of **open source** and open access codes.“





eHealth Network

**Mobile applications to support contact tracing in
the EU's fight against
COVID-19**

Common EU Toolbox for Member States

Version 1.0

15.04.2020





Apps

Recommendations for a common approach to mobile tracing apps:

„Openly publish the technical specifications and the source code for the apps, as a way to maximise re-use, interoperability, auditability and security“



Apps



Contact Tracing Apps

Samples & Reports of COVID-19 Contact Tracing Apps for Android

 **Repositories** 45  Packages  People  Projects

Grow your team on GitHub

GitHub is home to over 50 million developers working together. Join them to grow your own development teams, manage permissions, and collaborate on projects.

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Pinned repositories

[summary](#)

Contact Tracing Apps - Summary

☆ 21 🍴 1

[GAEN](#)

Apple+Google Exposure Notifications API

[OPENTRACE](#)

Contact Tracing - Opentrace (Centralized)

[DP-3T](#)

Contact Tracing - DP*3T (Decentralized)

☆ 4

[TCN](#)

Contact Tracing - TCN Coalition (Decentralized)

[MIT](#)

Contact Tracing - MIT PrivateKit:SafePaths





COMMISSION IMPLEMENTING DECISION (EU) 2020/1023

„As restrictions on travel between Member States have been lifted since June 2020,

greater **interoperability** of the national information and communications technology systems should be achieved

between the Member States in the eHealth Network, by implementing a digital infrastructure enabling **interoperability** between national mobile applications supporting contact tracing and warning.“





Open Source Strategy COMMISSION



Brussels, 21.10.2020
C(2020) 7149 final

COMMUNICATION TO THE COMMISSION

OPEN SOURCE SOFTWARE STRATEGY 2020 – 2023
Think Open





Open Source Strategy COMMISSION

Wherever it makes sense to do so, the Commission will share the source code of its future IT projects.

The principles of this strategy will help us **choose** strategically between closely competing software solutions. They keep our options open. They will **allow the Commission to choose non-open technologies** where there are good reasons to do so





Open Source Strategy COMMISSION

Open source strategy main actions	Impact
Set up Open Source Programme Office	Expedite all activities in the action plan
Set and promote the inner source default	Enable co-creation and collaboration
Enhance the software repository	Enable co-creation and collaboration
Revise software distribution practices	Process simplification; lower cost to society
Enable and create innovation with open-source labs	Drive innovation; encourage co-creation
Develop skills and recruit expertise	Contribute to staff recruitment and retention
Increase outreach to communities	Encourage innovation; improve services
Integrate open source in internal IT governance	Increase organisational efficiency; foster innovation
Ensure security	Increase value of open source to the organisation and society
Encourage and promote inner source	Instrumental to success of strategy and actions

To make sure these actions are executed in an organised, coordinated and scheduled manner, the strategy establishes a **small** Programme Office.



Already before this crisis hundreds of organisations and tens of thousands of people demanded that

publicly financed software developed for the public sector must be made publicly available under Free Software licences.

It is now even more important than ever before to tackle this crisis.



We want legislation requiring that publicly financed software developed for the public sector be made publicly available under a Free and Open Source Software license.

If it is public money, it should be public code as well.

Already **28087 SIGNATURES** –
sign the open letter now!

SUPPORTING ORGANISATIONS

The following organisations support our [open letter](#). If your organisation is also interested in joining the call for Public Code, please [contact us](#).



☒ All

☐ International NGOs

☐ Administrations

☐ National NGOs

☐ Regional NGOs



fsfe.org/contribute



**Spread
the word**



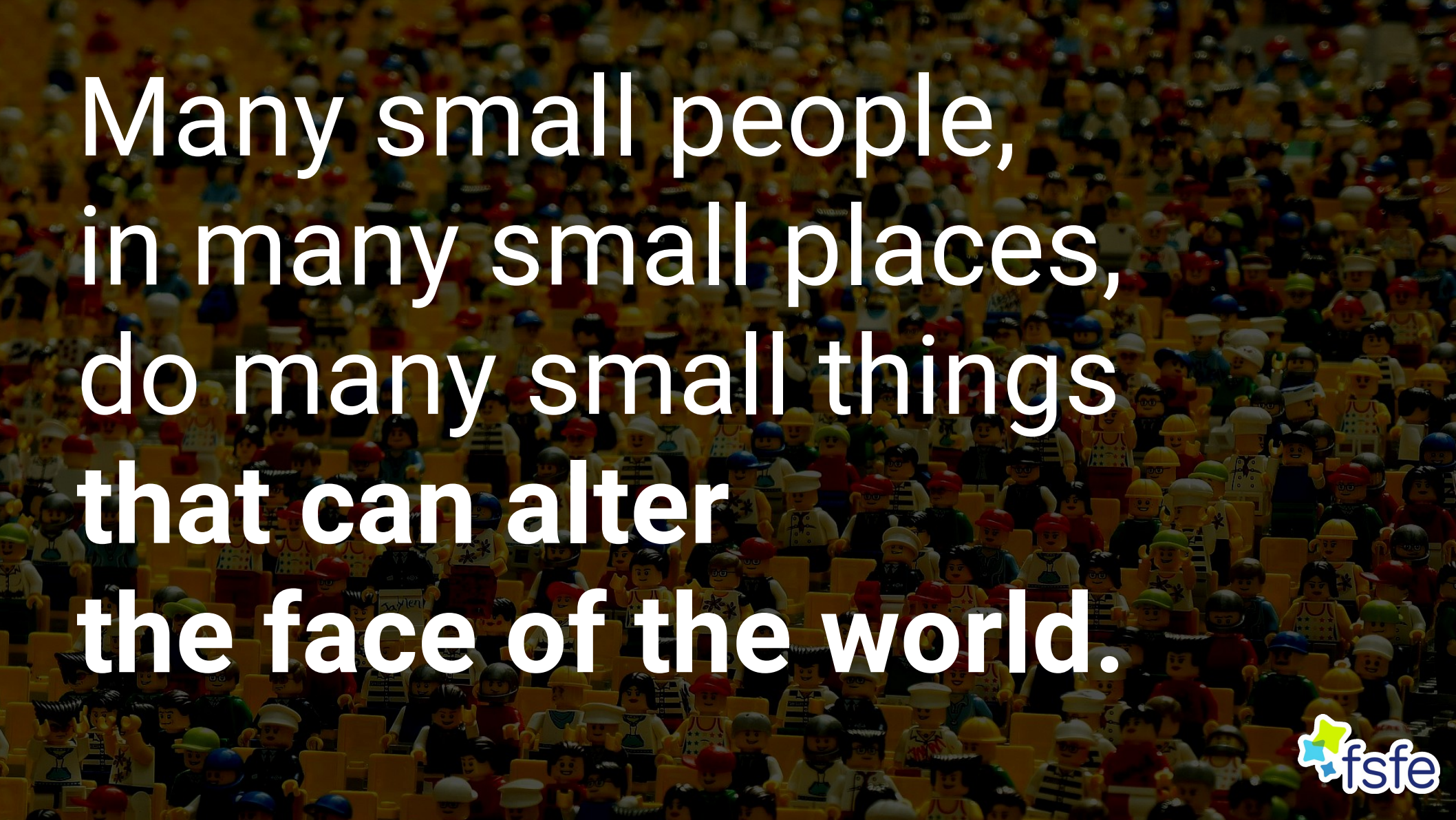
Donate



**Join a
local group**



Buy merch



Many small people,
in many small places,
do many small things
**that can alter
the face of the world.**

Thank you! Questions?

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