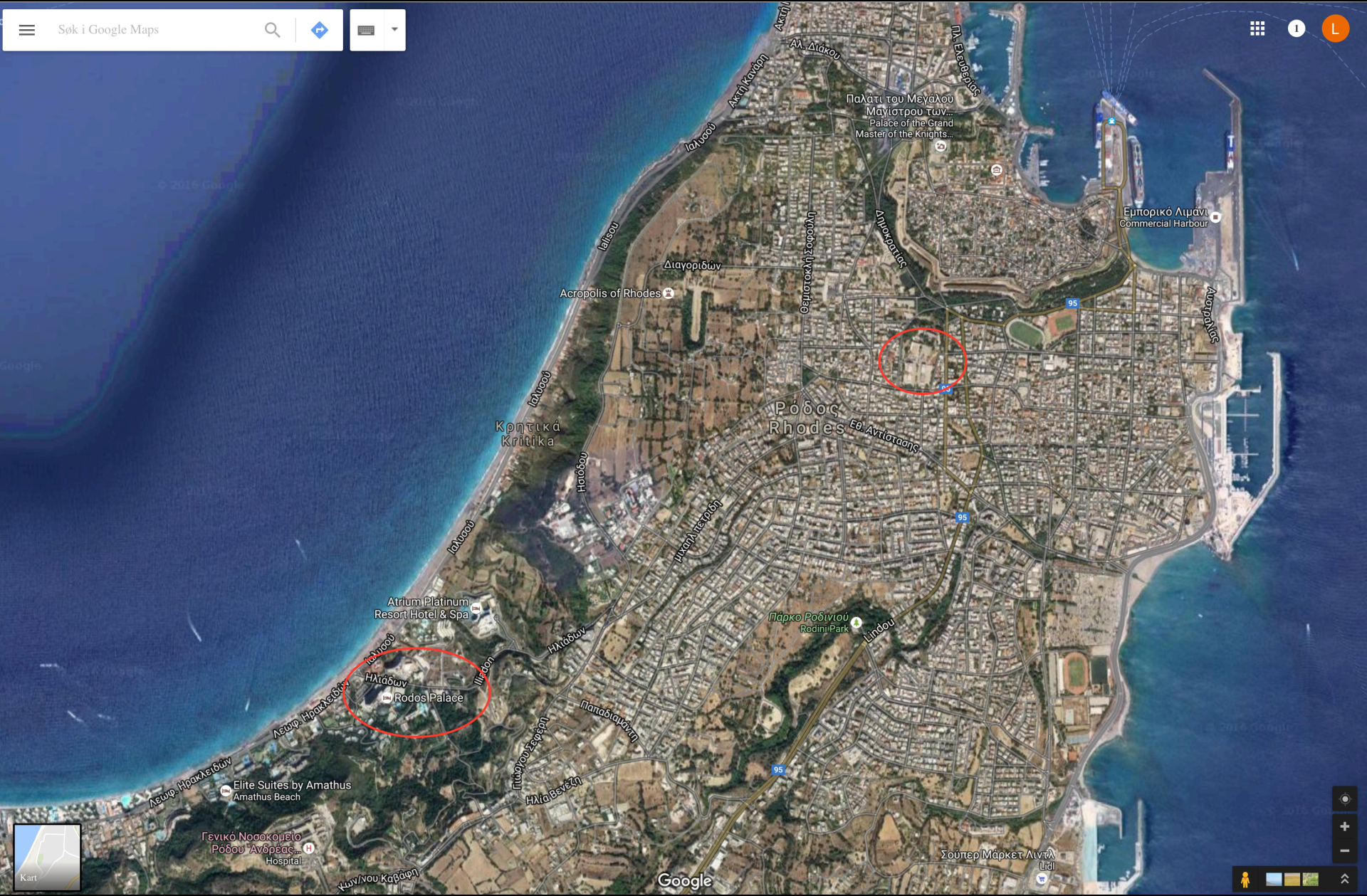


Systematic joint development

Act local, think global

Above the Net workshop
Utrecht, 20 October 2016
Jan Meijer, UNINETT
<jan.meijer@uninett.no>



TCS

Original goal: procure all-you-can-eat SSL server certificate service recognised by popular browsers

- 2004: idea investigated, project proposed
- 2005: project started with 8 NRENs, 20kEUR each
- 2006: first procurement in production: GlobalSign
- 2009: 2nd procurement: Comodo
- 2016: 3rd generation: DigiCert, server + personal + eScience certs, 29 NRENs

From start: contract open to any TERENA member NREN to use

FileSender

Goal: develop software for a web based service for painless sending of arbitrarily large files through a trusted intermediary

2008: idea investigated

2009: initial project start. 3 NRENs development consortium (funding, resources, contacts)

2010: 4 NRENs development consortium, 7 deployed

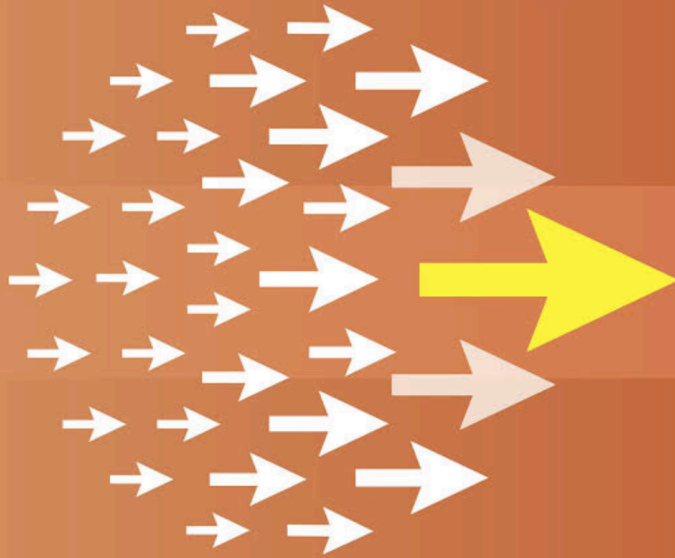
2016: 6 NREN core consortium, more contributed. 30+ NREN services deployed

FileSender early design decisions

- BSD license (use in whichever way you please):
no formal obstacles to (trial) deployments
- Designed for zero support
 - Easy to install: 1 hour
 - Easy to deploy: zero install @ user
 - Easy to use: self-explanatory
- Carefully mapped on target group:
 - externalised authentication (federations!)
 - packaged for NREN service delivery infrastructure
 - pre-configured for people with better things to do with their time

producing open source software

Karl Fogel



HOW TO RUN A SUCCESSFUL **FREE SOFTWARE** PROJECT

O'REILLY®

Designing and
running
our
FileSender
open
source
project

proudly not
invented here

Why work together?

TCS:

- to get something we wanted but couldn't get by ourselves

FileSender:

- prevent project collapse when losing a consortium member
- long term sustainability by large funding base with low cost per NREN
- **to get something we wanted but couldn't get by ourselves**

Design for global

- understand why you want to work together
- collaborative from idea stage
 - with the willing and able
- collaborative by design
 - participation in production
 - participation in consumption
- make it easy to use. Create a product, not a bucket of code/agreements
 - package, support, documentation, communication channels, people network
- map product carefully on target group supply chain consumption capability
- share early!

Collaborative development works

=> if you design for it

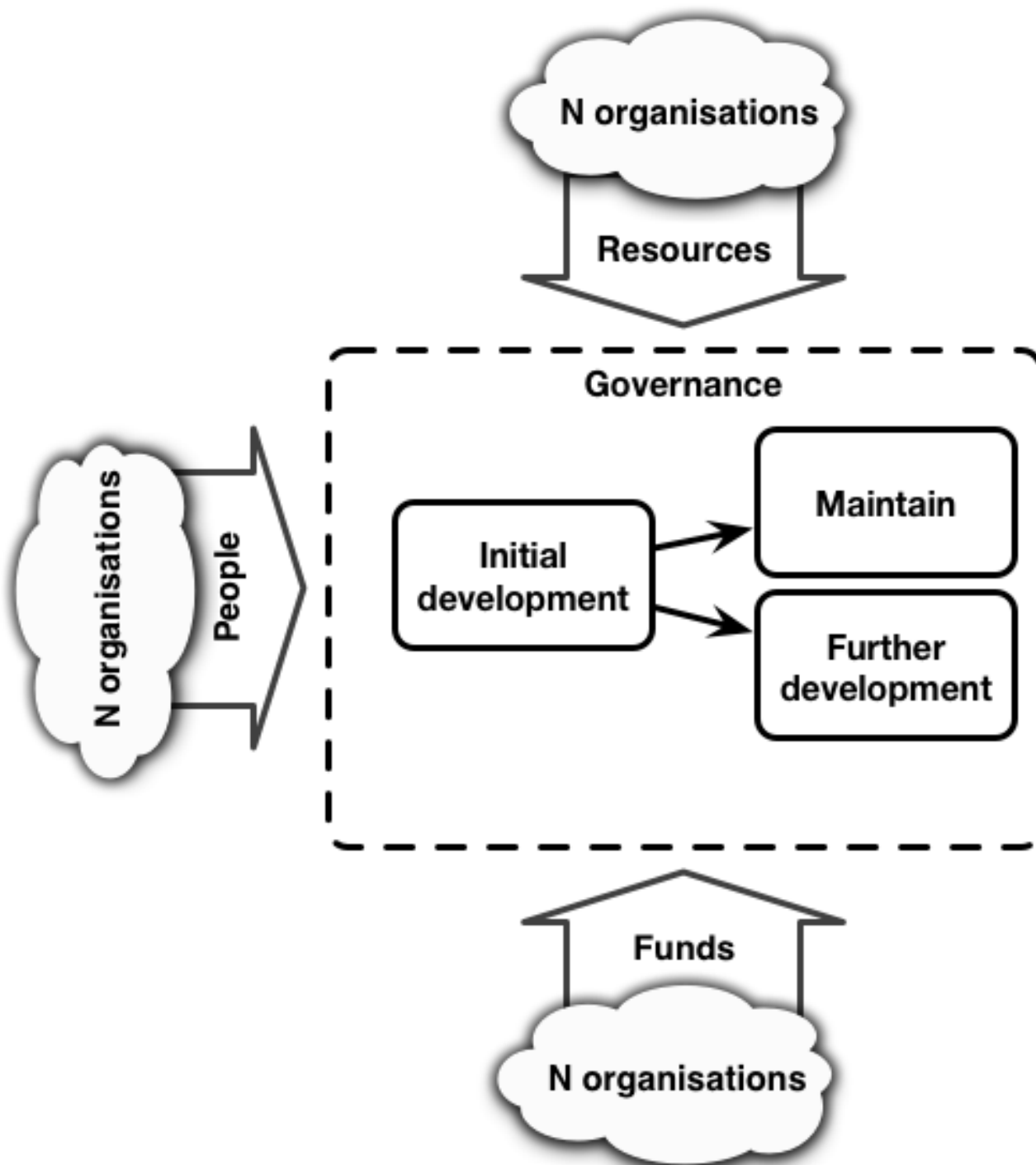
Start with a coalition of the willing and able

=> Ensure others can join when ready

our demand driven collaboration
has a problem

ad hoc

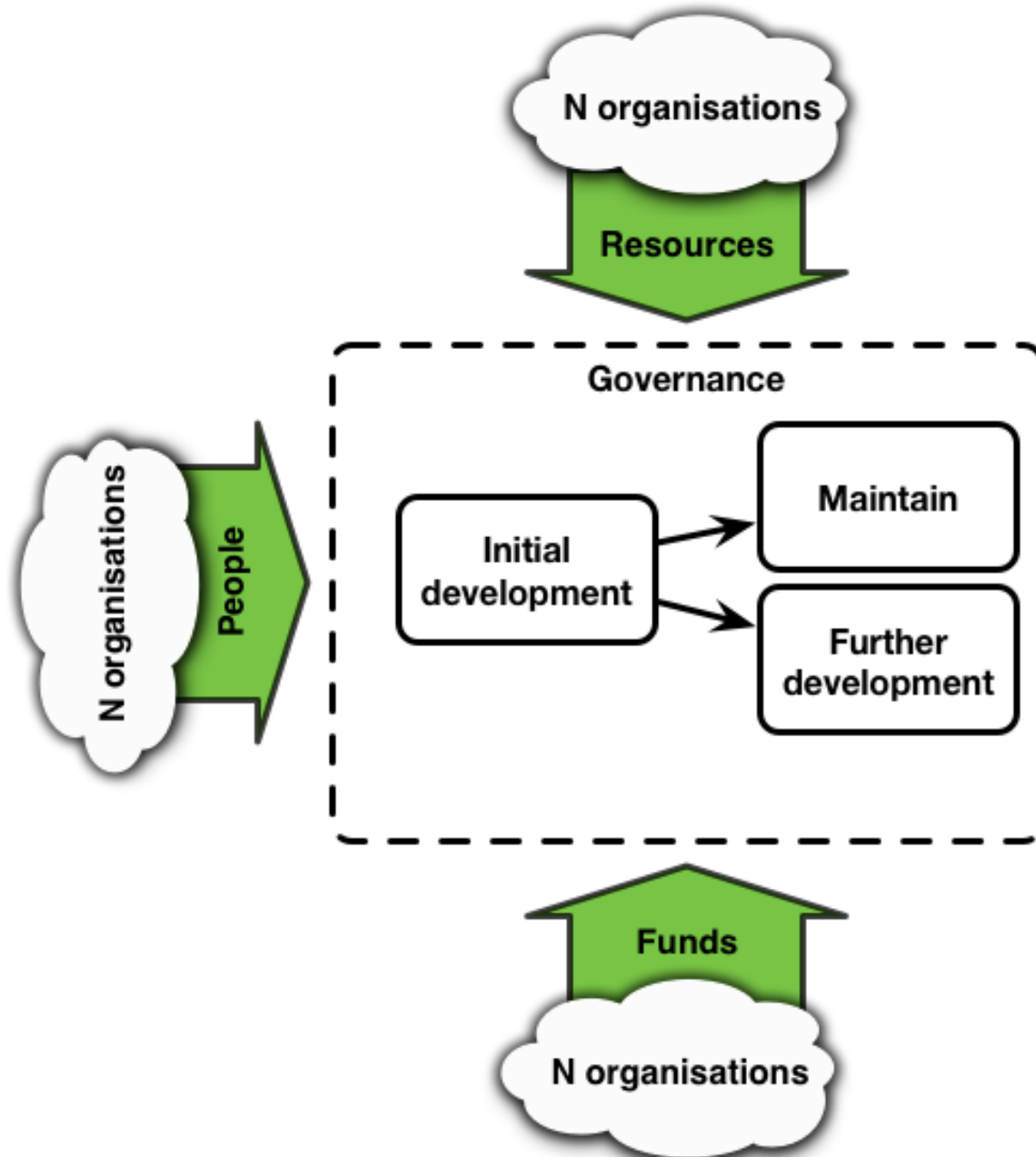
Towards
a
systematic
approach



Enter the NREN kickstarter

- Funds
- People
- Resources

Implementation?
Google “create
crowdfunding
platform”



Governance and legal home

