



# Open Source contributions

Strategic advantage

for small teams like Drupal

Konstantinos Samaras-Tsakiris

**IT-CDA-WF**

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Open Source projects

community

not just code

Vicky Brasseur

# Sustainability

*It's not all about the money:  
Time Talent Treasure*

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# Sustainability

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# Sustainability in Open Source

1. Identify strategically important projects
2. What do they need?
3. Time Talent Treasure

# Advantages?

- Risk management
- Knowledge transfer
- Talent acquisition & engagement



Gaining

# community

stakes

# OpenStack (IT-CM)

Data center infrastructure

- Large investment

# Major Contributions

[Stackalytics](#): 2240 reviews

[OpenStack Day CERN](#)

[OpenStack in Production – Blog](#)

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## **CERN**

upstream listens to our needs  
affect project direction

# Scaling down

Advantage for small teams, less strategic projects?

# Drupal Automatic Updates

European Commission









Small team: ~10 people

# IT-CDA

(Drupal)

Small teams: 0.5-5 people per service

- No forks of upstream
- Hard to have such high stakes

<b>CDA Project</b>	<b>Target Project</b>	<b>PR</b>	<b>State</b>
CodiMD	<a href="#">CodiMD</a>	#784	
CodiMD	<a href="#">CodiMD</a>	#785	
Webcast	<a href="#">redux-api-middleware</a>	#190	
Indico	<a href="#">semantic-ui-react</a>	#2890	
Indico	<a href="#">semantic-ui-react</a>	#2992	
REANA	<a href="#">cwltool</a>	#995	
REANA	<a href="#">cwltool</a>	#1082	
Invenio	<a href="#">celery</a>	#4813	

and [more...](#)



# Promoting our tools

# Deciding on a tool is hard

CERN's decisions are trustworthy

- scientific communities
- local communities

# Campus Biotech & REANA

CERN software under consideration for neuroimaging platform

# Suisse Romande Drupal group

UN – Red Cross – Inovae – Happy coding

Technical forum for Drupal expertise

Outreach for new Drupal infrastructure

# Promoting our tools is valuable

to them  
to us

# Exposing more stakeholders

new Makers, long-term stability  
risk management

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## Talent acquisition

demonstrated issues in sourcing Drupal talent  
higher incentives with industry standards

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## Knowledge transfer

a CERN goal



