SELFSUSTAINED CROSS-BORDER CUSTOMIZED
CYBERPHYSICAL SYSTEM EXPERIMENTS
FOR CAPACITY BUILDING AMONG EUROPEAN STAKEHOLDERS

Predstavljanje SMART4ALL Projekta

Regionalni FTTE Vebinar

MSc Nikolina Brajović- MECOnet Podgorica

03. Septembar 2021.

Co-funded by the Horizon 2020 programme of the European Union

DT-ICT-01-2019
Smart Anything Everywhere Area 2

www.smart4all-project.eu
Grant Agreement: 872614

SMART4ALL projekat

DT-ICT-01-2019: *Smart Anything low energy computing Everywhere* – *Area 2: Customized powering CPS and the IoT*

Project information

SMART4ALL

Grant agreement ID: 872614

Status
Ongoing project

Start date
1 January 2020

End date
31 December 2023

Funded under:
H2020-EU.2.1.1.

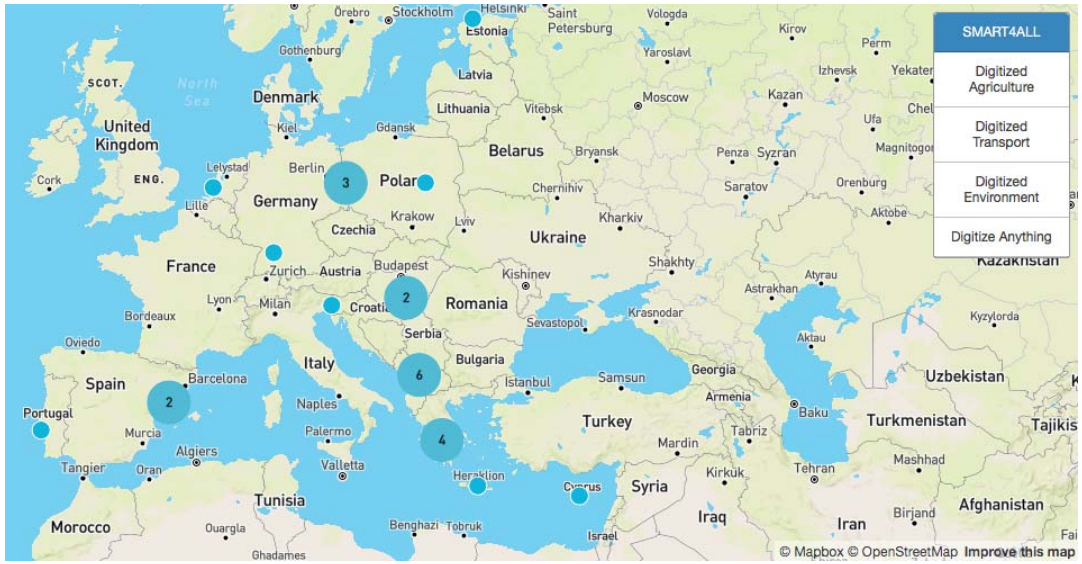
Overall budget:
€ 8 660 872,50

EU contribution
€ 7 997 647,50

Coordinated by:
UNIVERSITY OF PELOPONNESE
Greece

Konzorcijum SMART4ALL projekta

- 25 partnera iz **Južne**, **Istočne** i **Centralne Evrope**
- Konzorcijum je sastavljen od univerzitita, istraživačkih instituta, investitora, networking organizacija, MSP-a (SMEs), Inovativnih Habova i NVO-a

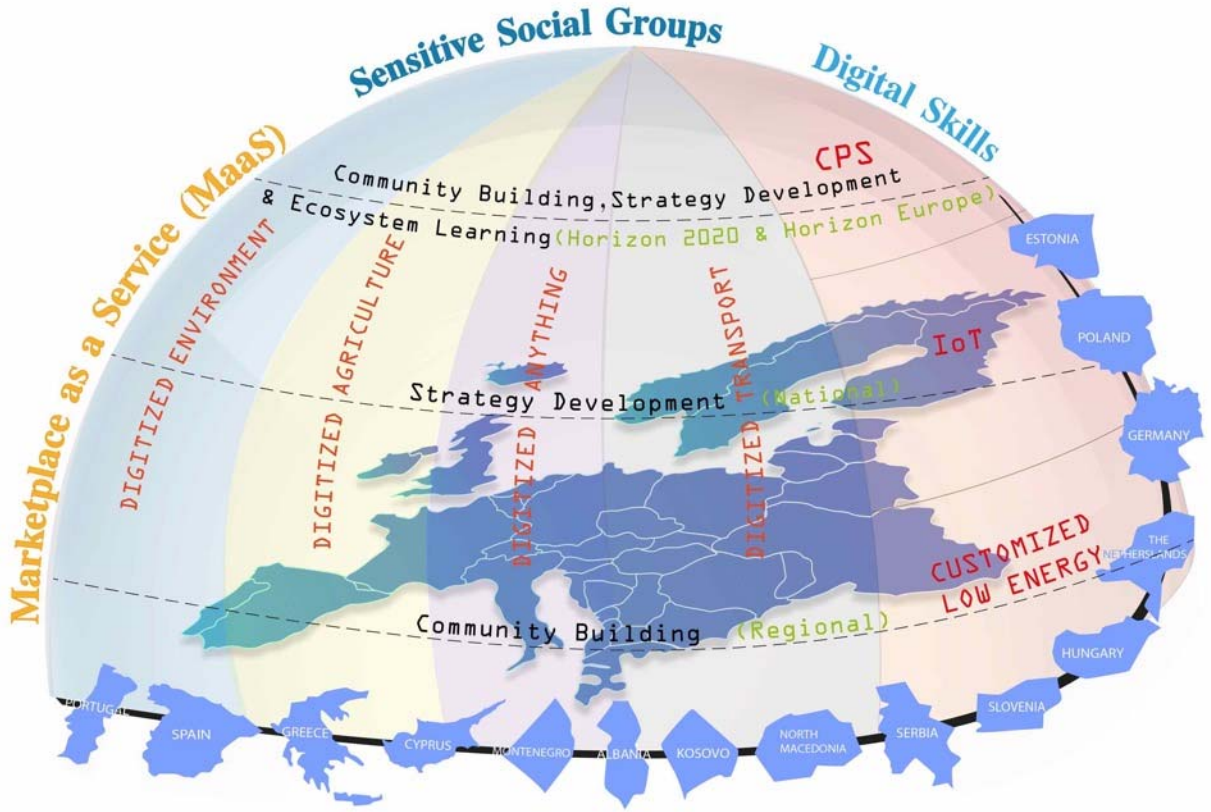


Diversity in Partners Expertise	Geographic Diversity (15 countries)	
Universities: 10	Albania: 1	Montenegro: 1
Research institutes (R&D): 3	North Macedonia: 2	Poland: 2
Research institutes (BizDev): 1	Cyprus: 1	Portugal: 1
SMEs (R&D): 6	Estonia: 1	Serbia: 1
SMEs (BizDev): 2	Germany: 3	Slovenia: 1
Innovation Hubs: 1	Greece: 5	Spain: 1
NGOs: 1	Hungary: 1	The Netherlands: 1
	Kosovo: 2	

Glavne karakteristike SMART4ALL projekta

- **Vizija:** Proširiti mogućnosti saradnje između evropskih stakeholdera uključivanjem različitih kultura, politika, geografskih područja u različitih domena primjene eksperimenata
- **Kako:** Kroz razvoj samoodrživih, prekograničnih eksperimenata kojima se vrši transfer znanja i tehnologije između *akademije* i *industrije*
- **Tehnološke oblasti:** CLEC i IoT (Customized low energy computing i Internet of Things)
- **Oblasti primjene:** Digitalizovana Životna sredina, Digitalizovana Agrikultura, Digitalizovani Transport i Digitalizovano Bilo Šta (Digitized Anything)

Shema SMART4ALL projekta



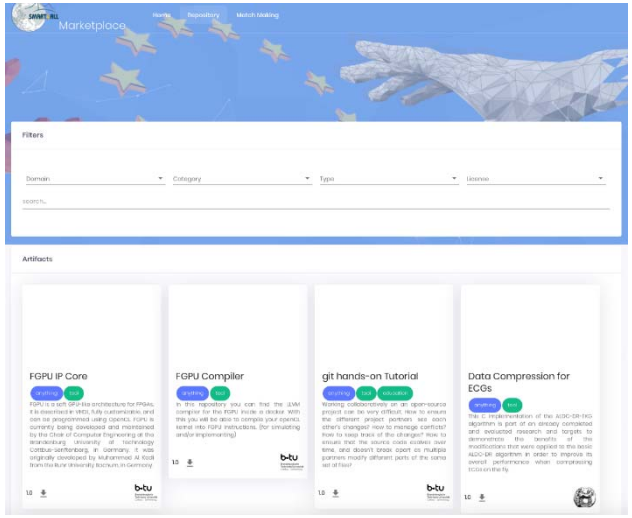
SMART4ALL Alati – Website projekta

https://www.smart4all-project.eu

- Vijesti vezane za projekat
- Pristup SMART4ALL uslugama
- Pristup SMART4ALL Mreži u Jugoistočnoj Evropi
- Oglašavanje Otvorenih poziva

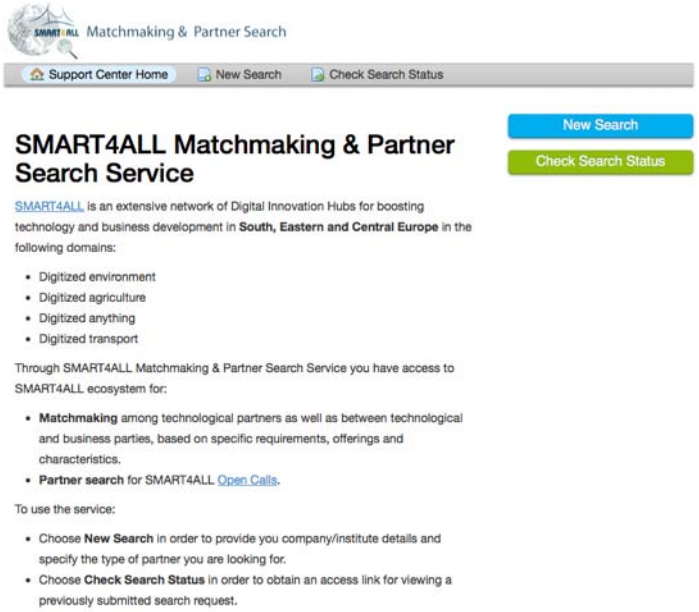
SMART4ALL Alati

Marketplace-as-a-Service



Matchmaking usluga

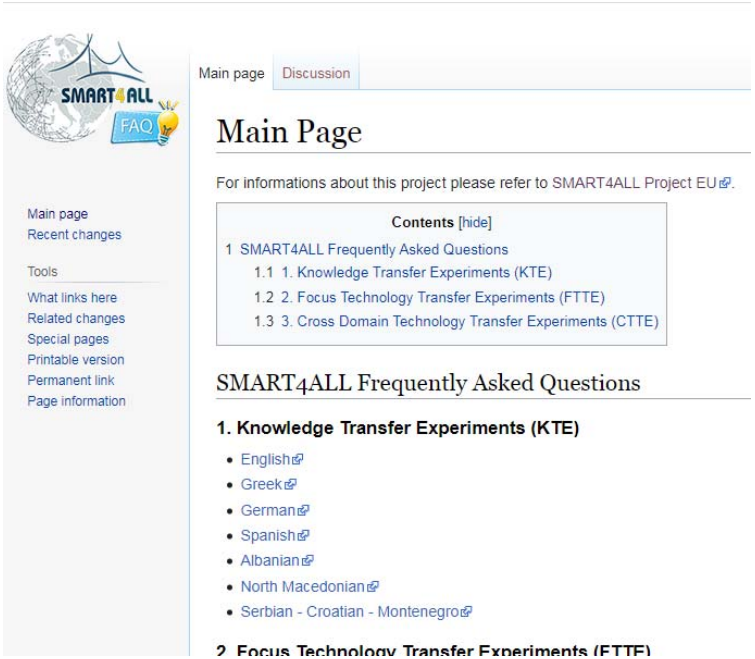
https://matchmaking.smart4all-project.eu



SMART4ALL Alati

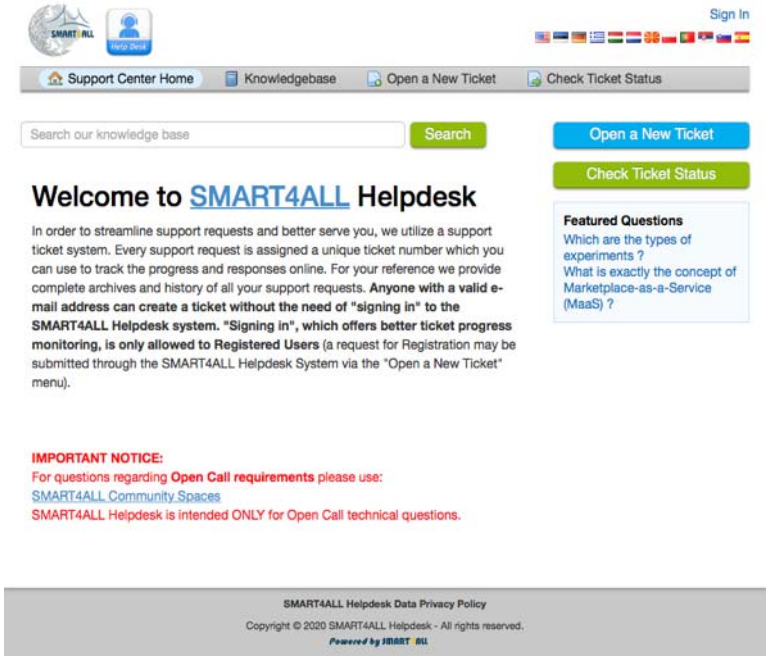
FAQs na više jezika

https://faq.smart4all-project.eu/index.php/Main_Page



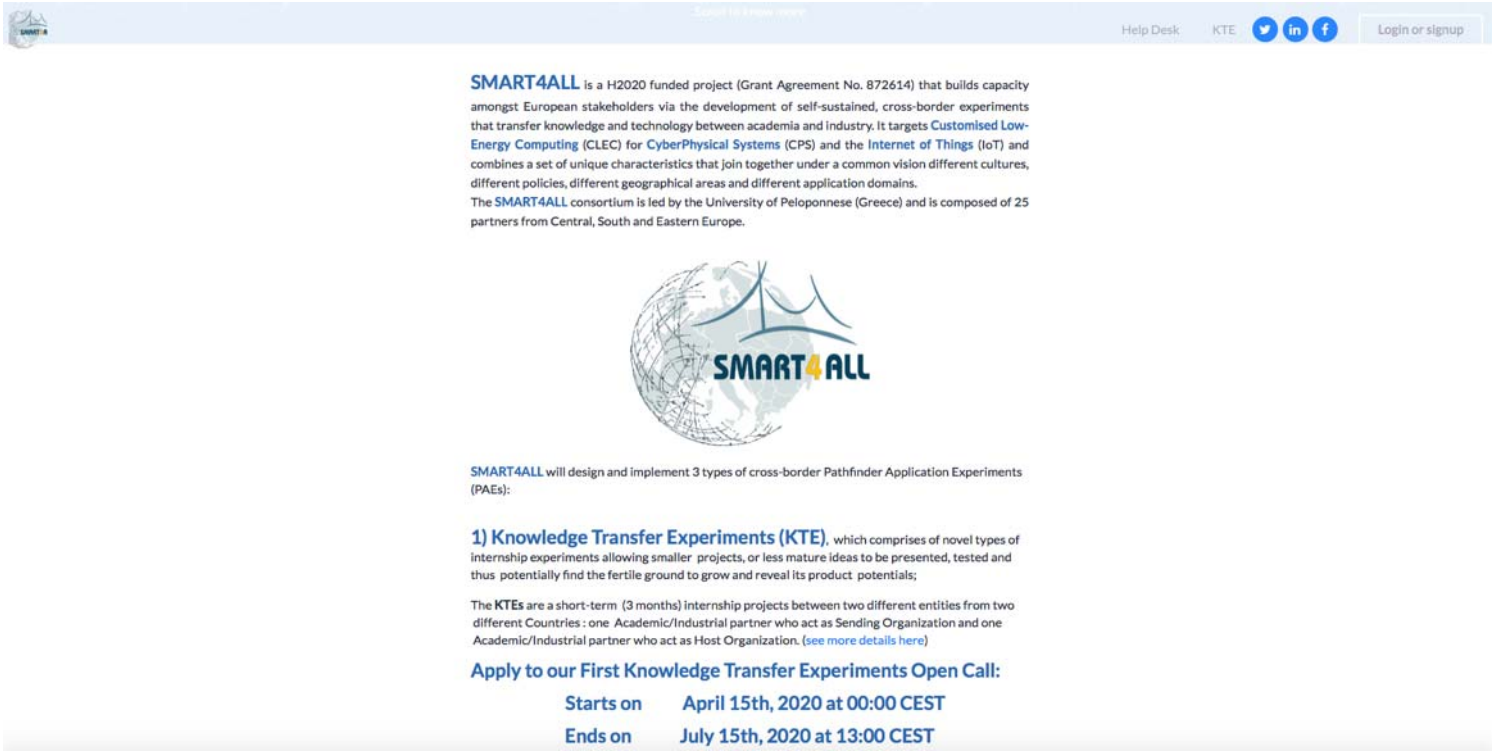
Helpdesk

https:// helpdesk.smart4all-project.eu



SMART4ALL Alati – Online podnošenje predloga

https:// smart4all.fundingbox.com



SMART4ALL Otvoreni Pozivi

SMART4ALL će finansirati **67 Eksterna Eksperimenta (Pathfinder Application Experiments PAEs)** kroz **3 Tipa Otvorenih Poziva** u **3 navrata**, adresirajući ih na prioritetne vertikale:

- Digitalizovani Transport
- Digitalizovana Agrikultura
- Digitalizovana Životna Sredina
- Digitalizovano Bilo Šta (Digitized Anything)

Ciljevi poziva sa stanovišta Evropske Komisije

Izgradnja **prekograničnih eksperimenata** radi **transfera znanja** i **tehnologije** između **univerziteta** i **industrije** u **sistemima male potrošnje energije** (CLEC) za **sajber-fizičke sisteme** (CPS) i **Internet stvari** (IoT)

Ubrzanje digitalne transformacije društva i **uvećanje digitalnih veština** u geografskim područijima u kojima je to nedovoljno zastupljeno – Jugoistočna Evropa
u četiri SMART4ALL tematske oblasti

SMART4ALL tematske oblasti- vertikale

SMARTALL COMPETENCE FIELDS	SMART4ALL VERTICALS			
	DIGITIZED TRANSPORT	DIGITIZED ENVIRONMENT	DIGITIZED AGRICULTURE	DIGITIZED ANYTHING
	• Green transport • Smart mobility • Shared mobility • Robotics • New platforms for efficient supply-demand matchmaking • Automotive electronics • Autonomous vehicles • Connected vehicles • Streamlining transport using big data • Aeronautics and space applications • Transport and Logistics • City Transport Mapping	• Smart building • Water pollution monitoring • Smart grids • Environment monitoring • Bio-diversity • Smart industry • Data processing & data visualization	• Smart farming • AI inspired agriculture • Information based site specific applications • Demand driven, sustainable agriculture • Mobile plant, soil and environment sensors • Sensor networks – EU wide – cross-border • Field robotics and automation systems • UAV based agriculture and plant monitoring • Selective plant protection • Closed nutrient cycles • Agricultural decision support systems • Zero-energy food systems • Circular economy • Water, Energy and Food (WEF) efficiency • Revalorization of agricultural waste	• Human-machine Interaction • Digital Education • Industrial Automation • Machine Learning • Market Intelligence • Medical and Health Applications • Active & Healthy Ageing • Support for disabled persons • Cybersecurity • Data Mining and Big Data • Personal security • Additive Manufacturing (3D printing) • Augmented and Virtual Reality • Audio/Video Processing • Location-based Technologies • Web and Mobile Applications • Wireless Sensor Networks • Disaster management • Digital heritage • Telemedicine • Rehabilitation, wellness, fitness • E-commerce

SMART4ALL Tipovi Poziva (PAE koji se finansiraju)

PAE
Pathfinder Application Experiments

KTEs
Eksperimenti Transfera Znanja (Knowledge Transfer Experiments)

Grant: 8000 €
Tip: Praksa

FTTEs
Eksperimenti Fokusiranog Transfera Tehnologije (*Focused Technology Transfer Experiments)*

Grant: 80 000€
Tip: Projekat

CTTEs
Eksperimenti Unakrsnih oblasti Transfera Tehnologije (Cross-domain Technology Transfer Experiments)

Grant: 80 000€
Tip: Projekat

- **Interni**: 21 FTTE (vertikalni) će biti razvijeni kroz SMART4ALL
- **Eksterni:** 67 KTEs/FTEs/CCTEs će biti razvijeni kroz otvorene pozive za projekte

SMART4ALL Tipovi Poziva (PAE koji se finansiraju)

KTE – Knowlede Transfer Experiments (do 8.000 EUR)

Jedan partner (univerzitet ili preduzeće) **DONOR** šalje jednog eksperta u drugu partnersku kompaniju (univerzitet ili preduzeće) **DOMAĆINA** na stažiranje radi transfera znanja**. Ne mogu oba biti univerziteti!**

- **Trajanje:** 3 mjeseca (naredni poziv u Martu 2022)

FTTE - Focused Technology Transfer Experiments (do 80.000 EUR)

Jedan partner (univerzitet ili preduzeće) **PROVAJDER TEHNOLOGIJE** prenosi drugom partneru (isključivo preduzeće) **PRIMALAC TEHNOLOGIJE** specifičan hardver ili softver kako bi unapredio neke proizvode ili procese. SME mora biti lider. **SAMO JEDNA TEMATSKA OBLAST**

- **Trajanje:** 9 mjeseci **(zatvara se 15. Septembra 2021)**

SMART4ALL Tipovi Poziva (PAE koji se finansiraju)

CTTE - Cross-domain Technology Transfer Experiments

Kompleksniji multidisciplinarni transfer tehnologije uz izlaženje na nova tržišta. Tri partnerske institucije iz barem dve različite evropske države. Bar jedno preduzeće (**PRIMALAC TEHNOLOGIJE**) i dva **DONORA TEHNOLGIJE**, pri čemu jedno od preduzeća mora biti lider. **BAR DVIJE TEMATSKE OBLASTI**

- **Trajanje:** 9 mjeseci (naredni poziv u Septembru 2021)

Prihvatljive zemlje za finansiranje kroz SMART4ALL

- **Članice Evropske Unije i Ujedinjeno Kraljevstvo**
- **Priključene zemlje Horizontu 2020 http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf**
- Sve ostale zemlje Jugoistočne Evrope (SEE) koje nisu navedene u Horizon 2020 Priručniku EC-a ali su uključene u Aneksu A Radnog Programa (H2020 Work Programme)
- **Konzorcijum koji uključuje najmanje jednog člana iz zemalja Jugoistočne Evrope će imati prioritet:** Albanija, **Bosna i Hercegovina**, Bugarska, **Hrvatska**, Mađarska, Kosovo, Moldavija, **Crna Gora**, Sjeverna Makedonija, Rumunija, Slovačka, Slovenija i **Srbija**

Kada se možete prijaviti za SMART4ALL Pozive

Vrsta PAE		Poziv 1	Poziv 2	Poziv 3
Knowledge Transfer Experiments (KTE)	Otvaranje poziva	15. April 2020	15. Mart 2021	Mart 2022
	Rok za prijavu:	15. Jul 2020	15. Jul 2021	Maj 2022
Focused Technology Transfer Experiments (FTTE)	Otvaranje poziva	1. Jul 2020	15. Jun 2021	Jun 2022
	Rok za prijavu:	30. September 2020	15. September 2021	Avgust 2022
Cross Domain Technology Transfer Experiments (CTTE)	Otvaranje poziva	1. Decembar 2020	Septembar 2021	Septembar 2022
	Rok za prijavu:	15. Mart 2021	Novembar 2021	Novembar 2022

Još 1

Još 2

Još 2

Više o FTTE pozivu i procesu apliciranja ćete čuti tokom prezentacije prof. Borisa Antića

Pridružite se SMART4ALL mreži !

Pridružite se SMART4ALL mreži Južne, Istočne i Centralne Evrope:

- Subscribingom SMART4ALL newsletter: https://smart4all-project.eu/joinus
- Korišćenjem SMART4ALL matchmaking usluga: https://matchmaking.smart4all-project.eu
- Apliciranjem za SMART4ALL Otvorene Pozive: https://smart4all-project.eu/opencalls-apply-now
- Koristeći SMART4ALL marketplace: https://smart4all-project.eu/marketplace

SMART4ALL Social Media

Pratite SMART4ALL na:

https://www.linkedin.com/groups/12369183

https://twitter.com/Smart_4All

https://www.facebook.com/SMART4ALL.Project

https://www.youtube.com/channel/UCwmSl9LCl2vNBO-3k75dvJA

… i budite u toku sa najnovijim *SMART4ALL novostima, aktivnostima & mogućnostima za finansiranje !*

Hvala na pažnji– Pitanja?