

TOPOS Observatory and Forum

“BE OPEN meets OSCAR” - Open Science Collaboration: Joint event | 16th June

Pavlos Spanidis

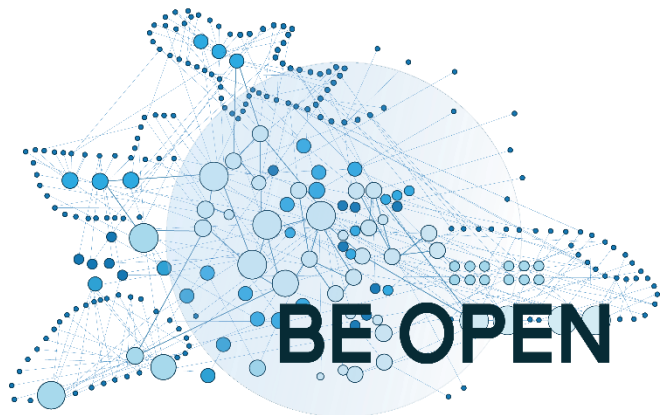
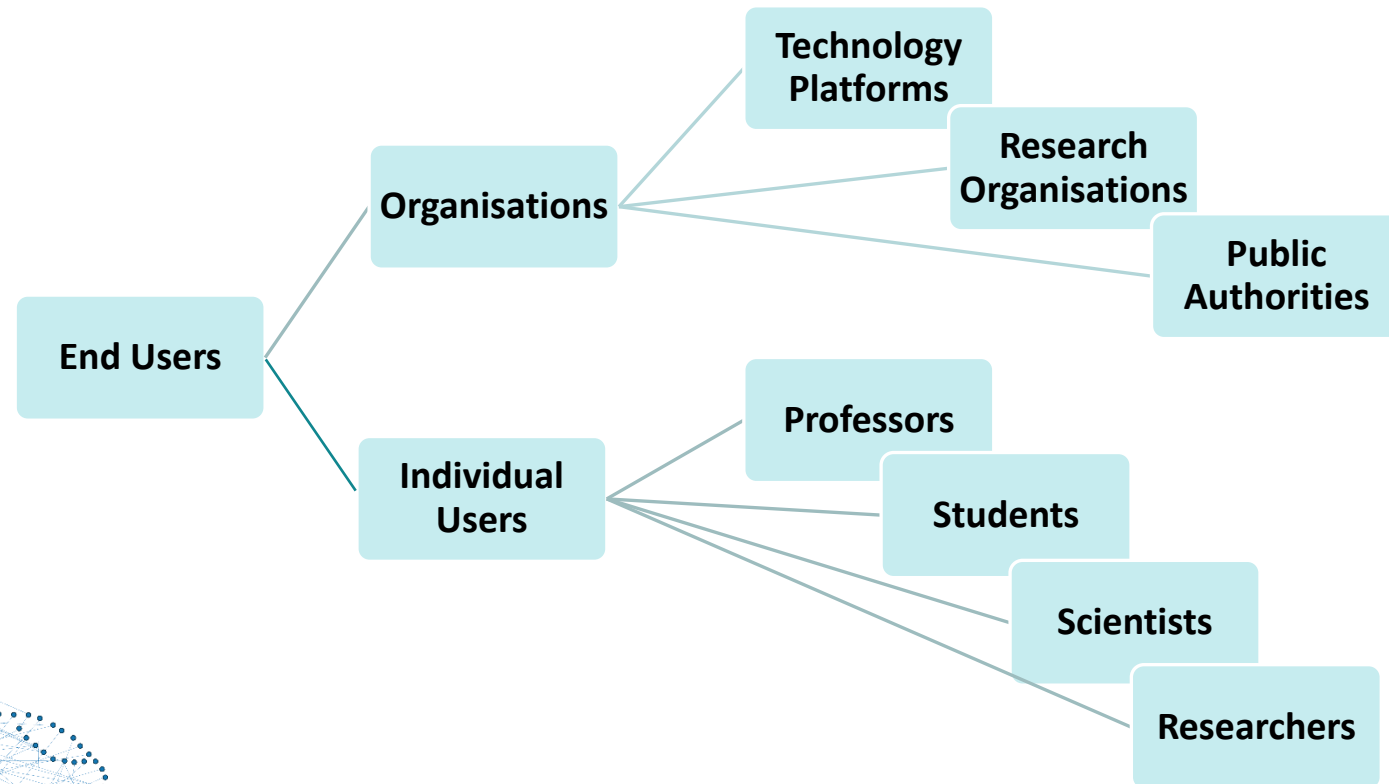
CERTH



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 824323 and Grant Agreement No 824350

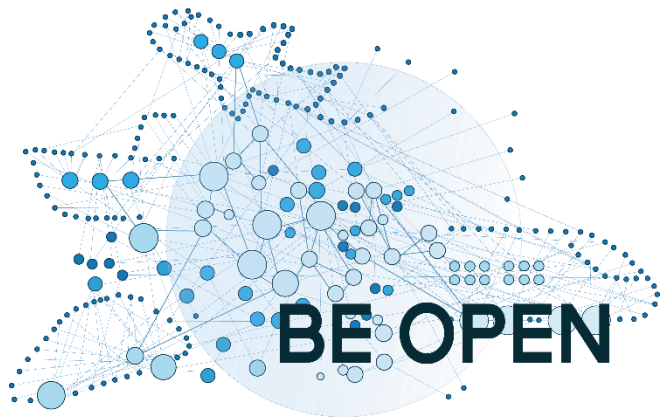


What is TOPOS



TOPOS Aims

- Open science in transport research is in the making
- Transport community is diverse, with different needs
- Sharing of data among research, industry and public is crucial
- Opportunities from the emergence of the European Open Science Cloud



TOPOS Gateway

topos-observatory.eu



TOPOS

BEOPEN

OpenAIRE

Scipedia

FORUM

OBSERVATORY

TOPOS Observatory aims to showcase the status and progress of open science uptake in transport research. It focuses on promoting territorial and cross border cooperation and contributing in the optimization of open science in transport research.

TOPOS OBSERVATORY
FOR ORGANISATIONS

"ORGANISATIONS"
User Manual

TOPOS OBSERVATORY
FOR INDIVIDUALS

"INDIVIDUALS"
User Manual

FORUM

TOPOS fOrum for national and European stakeholders – public and private - aims to exchange ideas and share best practices for operationalising Open Science principles in transport research.

TOPOS FORUM
FOR STAKEHOLDERS

"FORUM"
User Manual



The BE OPEN project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824323.



TOPOS Observatory for Organisations



DEPOSIT

LINK

SEARCH

A

Transport Research

Research outcomes ▼

Search by title, author, abstract, DOI, orcid...

SEARCH

[Advanced Search](#)

SUMMARY

PUBLICATIONS

121,582

RESEARCH DATA

1,234

SOFTWARE

40

OTHER RESEARCH

48,864



Accessing the gateway: Subscribe

<https://beopen.openaire.eu>



DEPOSIT LINK SEARCH ABOUT SIGN IN 

Transport Research

Research outcomes ▼

Search by title, author, abstract, DOI, orcid...

SEARCH

Advanced Search

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Using the TOPOS discovery portal: overview

[DEPOSIT](#) [LINK](#) [SEARCH](#) [ABOUT](#)

Transport Research

Research outcomes ▾

Search by title, author, abstract, DOI, orcid...

SEARCH

Advanced Search

SUMMARY	PUBLICATIONS 122,948	RESEARCH DATA 1,088	SOFTWARE 39	OTHER RESEARCH 48,697
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Welcome to the Open Research Gateway for Transport Research. This gateway is part of the TOPOS Observatory (<https://www.topos-observatory.eu>). The TOPOS aims to showcase the status and progress of open science uptake in transport research. It focuses on promoting territorial and cross border cooperation and contributing in the optimization of open science in transport research. The TOPOS Observatory is supported by the EC H2020 BEOPEN project (824323)

Curated by: [Pavlos Spanidis](#), [Dr. Maria Tsami](#)

Created: 14-Oct-2019 Members: 11

Projects: 364 Content Providers: 23 ⓘ

Linked to 15 Zenodo Communities ⓘ

Subjects

Green Transport, City mobility systems, Vulnerable road users, Traffic engineering, Transport electrification, Intermodal freight transport, Clean vehicle fleets, Intelligent mobility, Inflight refueling, District mobility systems, Navigation and control systems for optimised planning and routing, European Space Technology Platform, European Transport networks, Green cars, Inter-modality infrastructures, Advanced Take Off and Landing Ideas, Sustainable urban systems, port-area railway networks, Innovative forms of urban transport, Alliance for Logistics Innovation through Collaboration in Europe

[View all](#)

Overview

Curators

Configuration details

Using the TOPOS Discovery portal: advanced search

The screenshot displays the TOPOS Discovery portal's advanced search interface. At the top, a search bar is labeled "Search by title, author, abstract, DOI, orcid..." and includes a "SEARCH" button and a red-outlined "Advanced Search" link. A dropdown menu on the left lists "Research outcomes", "Projects", and "Content providers". Below this, the "Advanced search in" section shows "Research outcomes" selected. The main search area features a table with columns "FIELD TO SEARCH" and "TERM". The "FIELD TO SEARCH" dropdown is open, showing options: "All fields", "Title", "Author", "Author ORCID", "Description", and "Subject". The "TERM" column contains two input fields, each with the placeholder text "be keywords...". To the right of the input fields is a dropdown menu currently set to "and", and a "SEARCH" button. Further right are three circular buttons: a minus sign, another minus sign, and a plus sign labeled "ADD RULE".

Research outcomes
Projects
Content providers

Search by title, author, abstract, DOI, orcid...

SEARCH

Advanced Search

Advanced search in Research outcomes Quick search

FIELD TO SEARCH	TERM
All fields	be keywords...
Title	be keywords...
Author	
Author ORCID	
Description	
Subject	

and

SEARCH

ADD RULE



Using the TOPOS Discovery portal: find places to publish/deposit

Home > Deposit

Deposit or publish your research in Open Access

Find the appropriate repository or journal

Find the appropriate repository to deposit your research products of any type (publication, data, software, other) or to include in your data management plan. Search and browse for OpenAIRE compliant repositories registered in OpenDOAR and re3data.

Looking for Open Access journals? Find those that suit your community among the journals registered in the Directory of Open Access Journals (DOAJ). To know more, read the OpenAIRE Open Access primer (<https://www.openaire.eu/oa-basics>).

Deposit

Find the repository to deposit your research or use the Zenodo communities suggested by the community curators.

Publish

Find the Open Access journals that suit your community among those registered in the Directory of Open Access Journals (DOAJ).

Search by title, country, organization, subject, type...

SEARCH

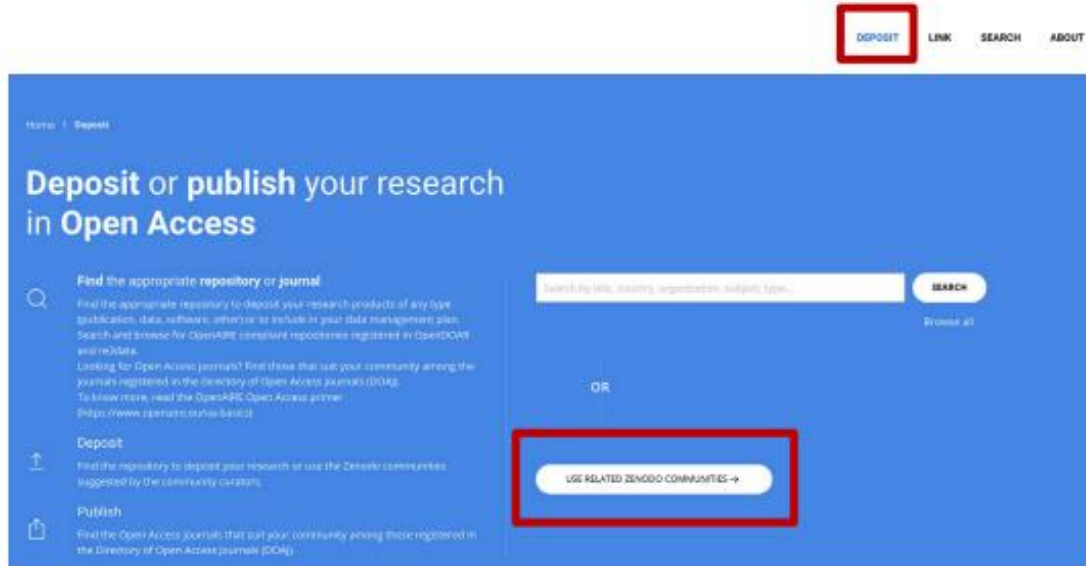
Browse all

OR

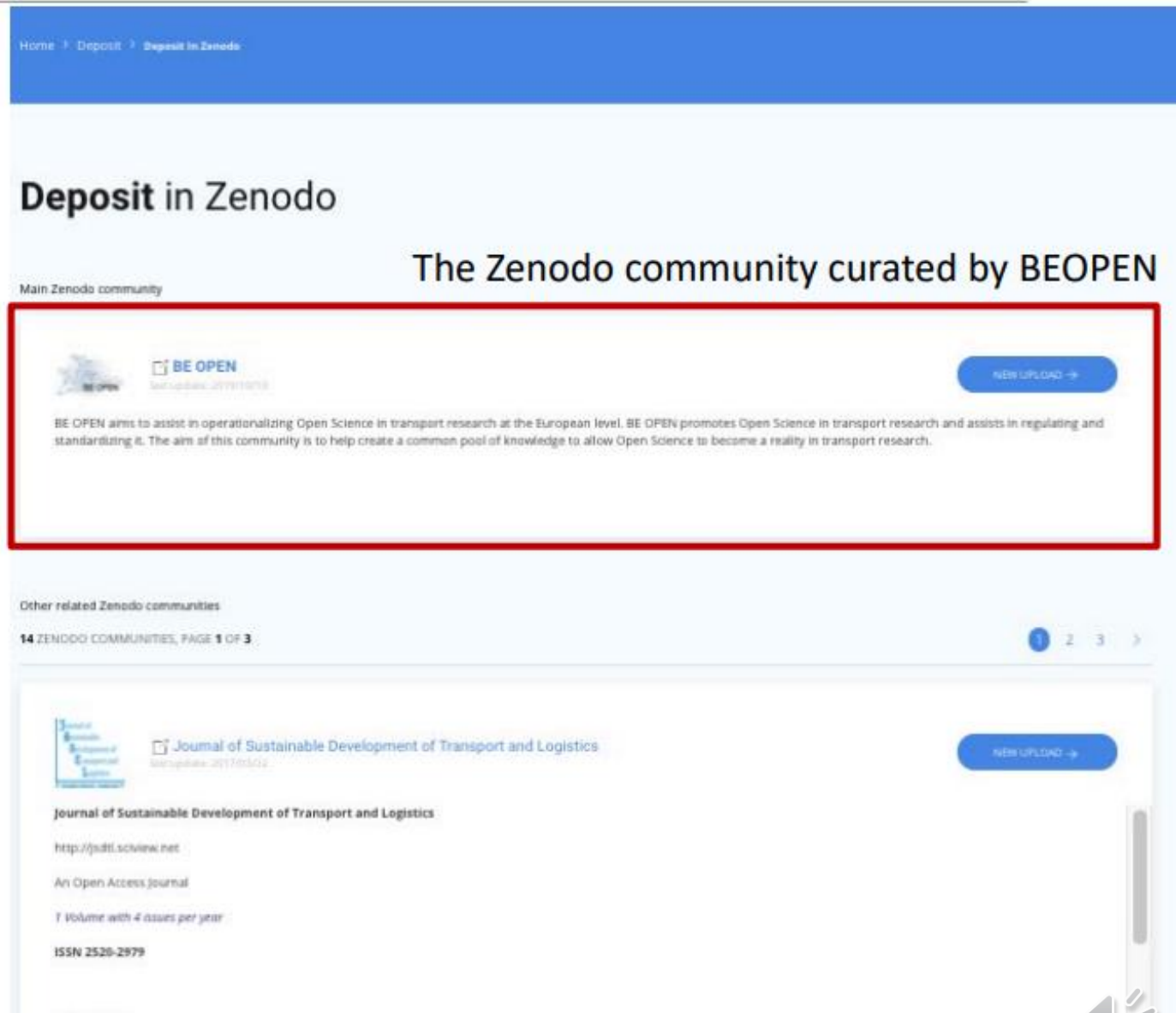
USE RELATED ZENODO COMMUNITIES ->



Using the TOPOS Discovery portal: Easy access to thematic Zenodo communities



Other Zenodo communities in the Transport field



Using the TOPOS Discovery portal: the Link functionality

DEPOSIT

LINK

SEARCH

ABOUT

ADD LINKING SOURCES

Start searching Research Outcomes and add them to the Basket to Link

transport

X

SEARCH

OPENAIRE (1,225,846)

CROSSREF (451,161)

DATA CITE (91,058)

ORCID (0)

Year range

e.g. 1800

-

e.g. 2031

>

1,225,846 RESEARCH OUTCOMES,
PAGE 1 OF 245,170

1

2

3

4

5

>

Result type (4)

☐ publication (1,135,276)

☐ other (64,751)

☐ dataset (25,121)

☐ software (698)

Funder (22)

☐ European Commission (19,297)

☐ National Institutes of ... (12,311)

☐ National Science Founda... (10,179)

☐ Natural Sciences and Eng... (3,837)

☐ Research Council UK (3,235)

☐ Wellcome Trust (3,163)

+ View all

other

European Transport / Trasporti Europei

Publisher EUT Edizioni Università di Trieste

Published in 2008

+

publication

Statistične informacije: 22, Transport: 22, Transport: Rapid reports:

Publisher Statistični urad Republike Slovenije

+

publication

DATAR sur le Transport: Transport voyageurs, comparaison internationale

Authors Paola Villani

Published in 2003

+

publication

Review on the comparison of external costs of intermodal transport and unimodal road transport

+

LINKS BASKET

SOURCES (0)

Research results to link

[Upload a DOI's CSV file](#) ⓘ

No Sources added yet. Start adding sources from the left panel. Or upload a DOI's CSV file.

CONTINUE TO - LINK TO

Entities to link with the sources

>

Useful guides at:

<https://www.openaire.eu/claim-publication>

<https://www.openaire.eu/reporting-to-the-ec>

11

Using the TOPOS Discovery portal: the ORCID Search and Link Wizard

Publication : Other Literature Type : 2019

Open Science Scholarly Communication Workflows - The OpenAIRE infrastructure and Scholexplorer Service

OPEN ACCESS ENGLISH

Authors:  Manghi, Paolo:

DOI: [10.5281/zenodo.2641760](https://doi.org/10.5281/zenodo.2641760) 

Publisher: Zenodo

Project: EC | OpenAIRE-Advance (777541), EC | RDA Europe 4.0 (777388)

<p>Presentation at the Workshop on "Research data systems - help or hindrance in data sharing?", hosted at eResearch Africa 2019 Conference. The presentation introduces Open Science Scholarly Communication workflows, identifying gaps in achieving the vision, and highlig...

+ Add to ORCID 



TOPOS Observatory for Individuals

Library Groups



TOPOS Observatory for Individuals. European forum and oBservatory for OPEN science in transport (BeOpen)

Overview Publications Members Analytics



INFORMATION

Website
<https://beopen-project.eu>

MEMBERS



ANALYTICS

Reputation score		457
Publications		9535
Views		2211

TOPOS Observatory for Individuals aims to create a common understanding on the practical impact



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- **PDF:** upload your PDF file (.pdf). PDF files can only be published in collections. They are not valid for submission to Scipedia journals.

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Create a new collection



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TOPOS Forum


[Forum.topos-observatory.eu](https://forum.topos-observatory.eu)

The screenshot displays the TOPOS Forum website interface. At the top, there is a navigation bar with the TOPOS logo, a search icon, and links for 'Εγγραφή' (Registration) and 'Σύνδεση' (Login). The main content area features five topic cards, each with a distinct color and icon:

- Road** (Green card, truck icon):
 - relevant to cars, trucks, busses, PTWs, etc.
 - ITS applications**
 - A** Investigate further how blockchain could support and benefit road transport activities.
 - 11 Νοε 2020, 8:14 μ.μ. • [διάβασε περισσότερα](#)
- Air** (Cyan card, airplane icon):
 - relevant to helicopters, airplanes, jet aircrafts, etc.
 - Cooperation at national and international level**
 - A** Support innovation and research in aviation sector to remain on the competitive level.
 - 2 Σεπ 2020, 1:56 μ.μ. • [διάβασε περισσότερα](#)
- Rail** (Orange card, train icon):
 - relevant to vehicles which run on tracks (trains, trams, etc.)
 - Increase capacity of infrastructure**
 - A** Enhance infrastructure in an attempt to increase capacity of railway stations (length and quantity of trains) and lines.
 - 11 Νοε 2020, 2:02 μ.μ. • [διάβασε περισσότερα](#)
- Waterborne** (Blue card, ship icon):
 - relevant to boat, ship etc., over a body of water, such as a sea, ocean, lake, river, etc.
 - Safety and security**
 - A** Improve and study safety and security issues (i.e. prevention of accidents, safety of personnel) and security (i.e. terrorism, border control/immigration etc.).
 - 11 Νοε 2020, 8:09 μ.μ. • [διάβασε περισσότερα](#)
- Multimodal** (Yellow card, hexagon icon):
 - the combination of different means of transport
 - Involvement of public transport actors**
 - A** Develop ways for public stakeholders and private companies to better know each other and their respective needs in terms of data sharing in order to be able to build common business models, in accordance with users' needs for an improved shared mobility.




TOPOS Forum




Legal/Regulatory
regulations, action plans, policy instruments, incentives etc.

1 0 0




Technological
new technologies and innovative actions applied for technological improvements, processes automation etc.

1 1 2




Transport planning
actions, plans and initiatives related to sustainable transport vision

1 1 1




Business modelling
actions and methods to earn revenues and achieve higher performance

0 0 0




Environmental
actions, plans and initiatives to minimize pollutant emissions, greenhouse effect, noise pollution etc.

1 1 1




ITS applications
A Investigate further how blockchain could support and benefit road transport activities.

11 Nov 2020, 8:14 μ.μ. • [διάβασε περισσότερα](#)




Traffic congestion
A Study how to mitigate noise pollution as the majority of people in Europe now residing in urban areas¹ and noise pollution affects their quality of life.

11 Nov 2020, 8:11 μ.μ. • [διάβασε περισσότερα](#)




Socioeconomic
actions, plans and initiatives for achieving higher finance, better accessibility, higher level of service etc.

1 1 1



Pedestrian safety and accessibility
A Analyze how to support vulnerable road users² (i.e. people with disabilities and/or reduced mobility) regarding road transport.

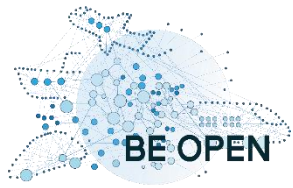
11 Nov 2020, 8:13 μ.μ. • [διάβασε περισσότερα](#)



Emission abatement
A Study and examine the use of alternative and cleaner fuels as well as green cars in order to enhance the environmental consciousness and mitigate negative externalities to the environment.

11 Nov 2020, 8:10 μ.μ. • [διάβασε περισσότερα](#)





Thank you for your attention!



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