

Sustainable Development: Tools for Tomorrow (TOO4TO) 2020-1-PL01-KA203-082076



# Dynamic Material Bank.

## User Guide

2021

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## 1. Log in

- Go to the [Dynamic Material Bank website \(https://open.ktu.edu/course/view.php?id=115\)](https://open.ktu.edu/course/view.php?id=115) or go to the Moodle website <https://open.ktu.edu>.
- Click the **Log in** link at the top-right corner of the page.
- **Log in with** your username and password. (If you log in first time, you first need to create an account. Click on **Create new account** or **Log in with Google**).

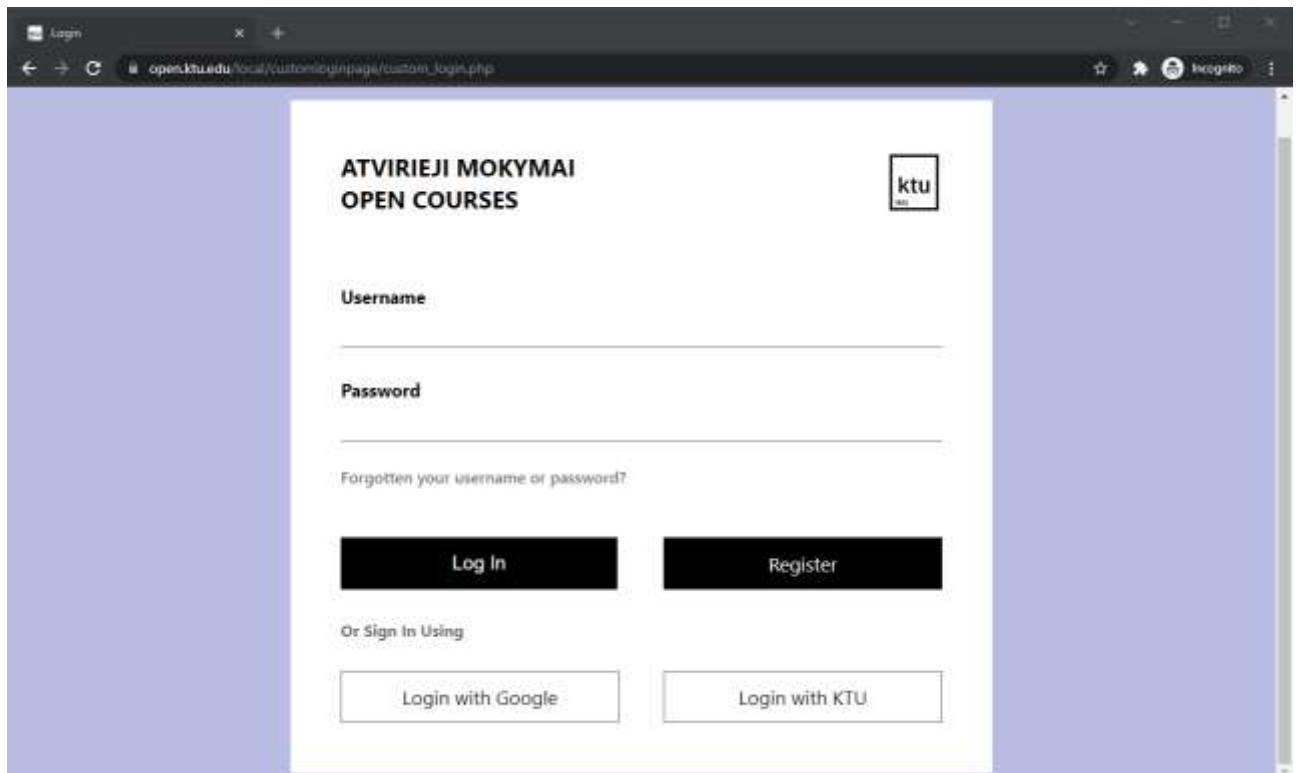
You are not logged in (Log in)

OR

- **Log in as visitor:**

username: **visitor**

password: **visitor**



ATVIRIEJI MOKYMAI  
OPEN COURSES

ktu

Username

Password

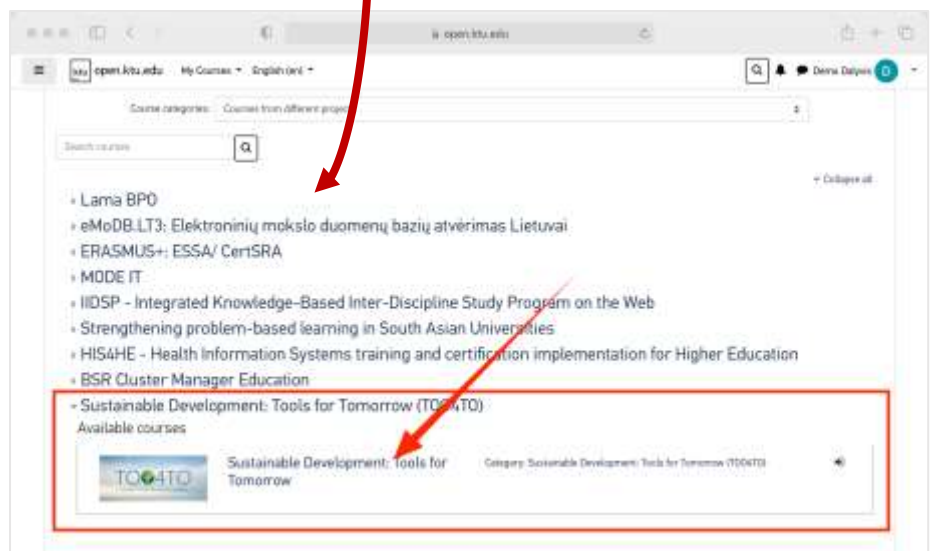
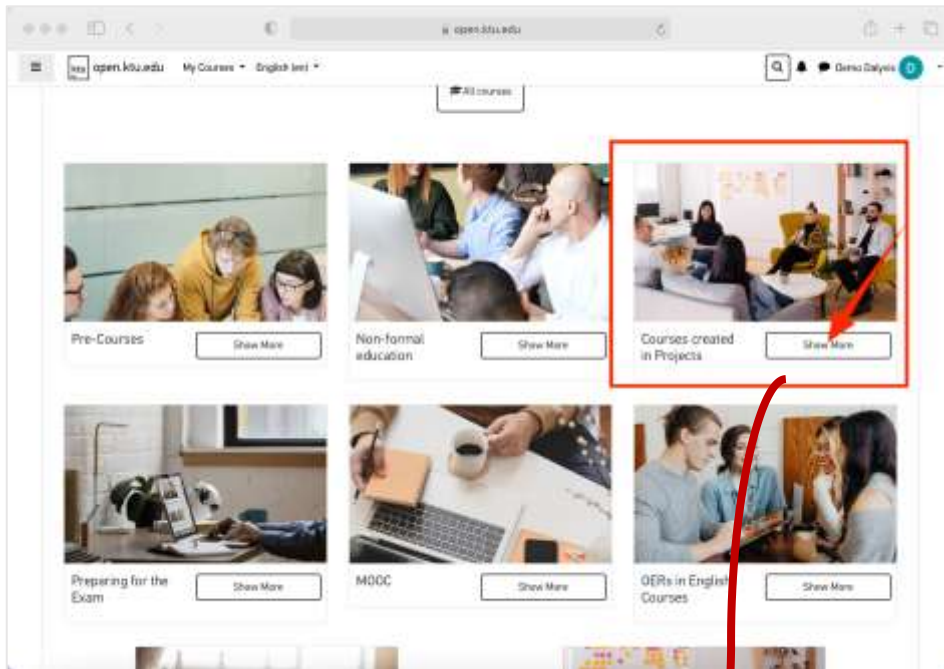
Forgotten your username or password?

Log In Register

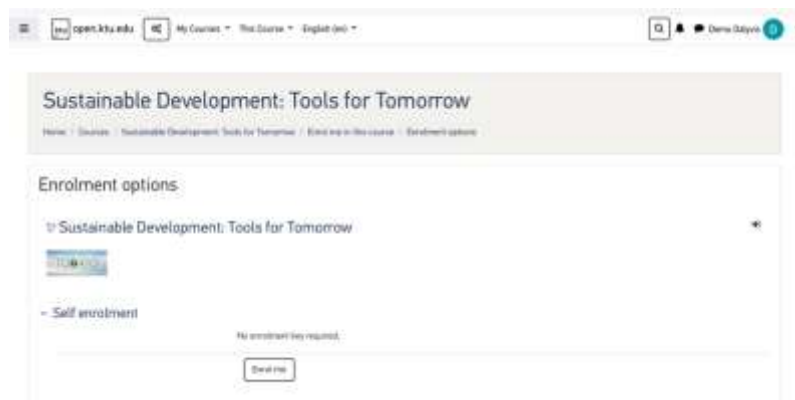
Or Sign In Using

Login with Google Login with KTU

- Click the [Dynamic Material Bank link](#) or go *Courses created in Projects > Show more > Sustainable Development: Tools for Tomorrow (TOO4TO)*.



- Click *Enrol me*.



## 2. Parts of Dynamic Material Bank homepage

Dynamic Material Bank website (<https://open.ktu.edu/course/view.php?id=115>)

All Dynamic Material Bank

Dynamic Material Bank developed under the project Sustainable Development: Tools for Tomorrow (TDO4TO)

Co-funded by the Erasmus+ Programme of the European Union

Dynamic Material Bank (DMB) – is the first edition of the TDO4TO project – with the main aim to review the most recent and relevant materials devoted to sustainability that are applicable to an organisational context in the EU and beyond and create dynamic, interoperable open access database (bank) of various information resources (materials). All materials available on open access providing opportunities for everyone having access to the Internet to reach and use the materials for learning purposes. DMB provides information resources to various target groups wishing to develop and align their business practices with EU-supported SDGs.

more info about DMB

Filter block by Sustainable Development Goals



Dynamic Material Bank by sustainability area

Basics of Sustainability and Sustainable Management



Artificial Intelligence and Sustainability



Corporate Social and Environmental Responsibility



Circular Economy, Economics & Sustainability, Sustainable Production



Sustainable Resource Management



Climate Change and Sustainability



Sustainable Energy Solutions



Dynamic Material Bank by sustainability area

Abstract of TDO4TO project

TOO4TO Sustainable Development: Tools for Tomorrow (TDO4TO) 2019-1-PL1-0120-000014 - ERASMUS+ project (2019-2023) developed together with the European strategic partner institutions of the Technical University of Lodz (Poland), Jozef Pilsudski Institute of Technology (Poland), the Russian University of Technology (Russia), and Global Impact (United Kingdom). It aims to increase the skills, competences, and awareness of future managers and employees in the field of sustainable tools and methods to provide sustainable management, and as a result, support sustainable development in the EU and beyond. Simultaneously, TDO4TO strives to capitalise the current and future challenges as guided by the Global Sustainable Development Goals (SDGs).



Add Entry – Let's Develop Dynamic Material Bank Together



This Dynamic Material Bank is flexible, open and inclusive for all the users. Therefore, students, lecturers and other guests are invited to contribute to the material bank dynamic – add new additional sources, which are not found in the database. Please follow the instructions from DMB user guidelines when adding your sources. After submission, your source will be considered for a review.

Thank you very much for your active participation in Dynamic Material Bank development!

Add Entry and updates of the material DB

You can add entry

Introductory Task for New Users

Level 1. Easy Steps to understand the structure of Dynamic Material Bank

Polymers help with this

Level 2. Get to Know of Dynamic Material Bank

Polymers help with this

Level 3. Let's Develop Dynamic Material Bank Together

Polymers help with this



Help&Feedback

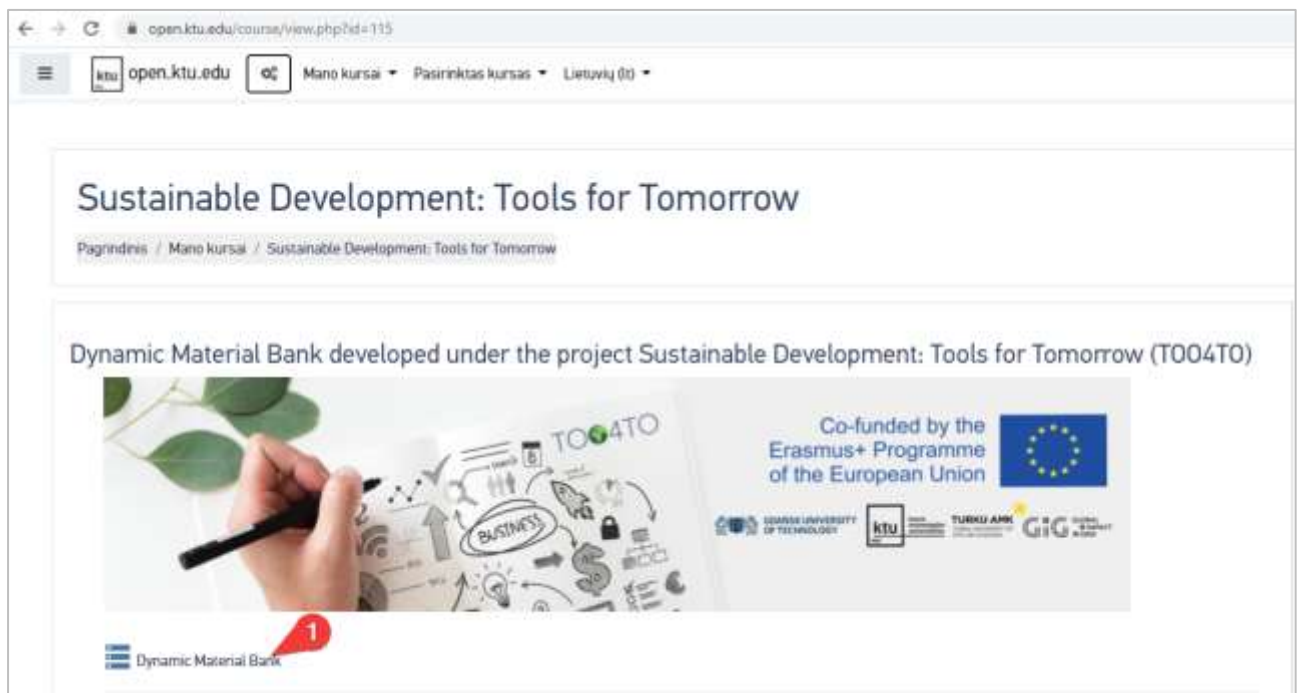
If you have problem or want to leave feedback, click here, and write your message for administrators

- Contact Discussion & Your Questions
- We are interested in Your Experience While Using Our Dynamic Material Bank
- USER GUIDE

If you have problem or want to leave feedback, click here, and write your message for administrators

### 3. View

- Go to the [Dynamic Material Bank website](https://open.ktu.edu/course/view.php?id=115) (<https://open.ktu.edu/course/view.php?id=115>)
- Open dynamic material bank database (1)



open.ktu.edu/course/view.php?id=115

open.ktu.edu Mano kursai Pasirinktas kursas Lietuvių (lt)

## Sustainable Development: Tools for Tomorrow

Pagrindinis / Mano kursai / Sustainable Development: Tools for Tomorrow


Dynamic Material Bank developed under the project Sustainable Development: Tools for Tomorrow (TOO4TO)

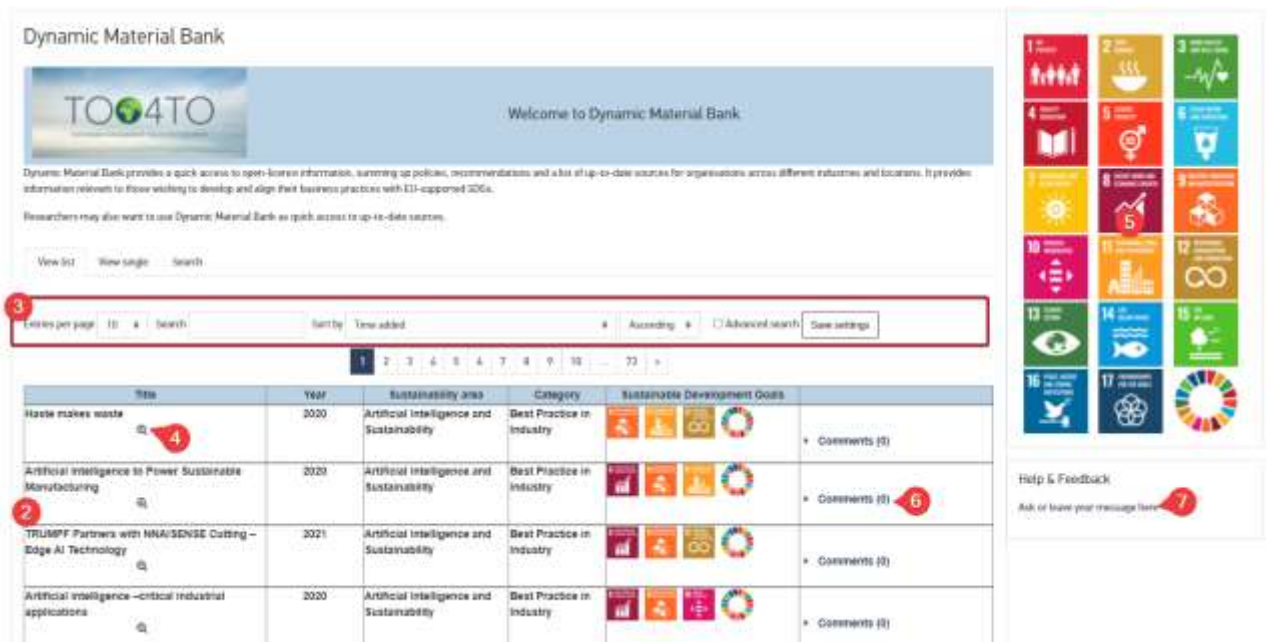
Co-funded by the Erasmus+ Programme of the European Union

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Dynamic Material Bank

## 4. View list

- You can **scroll below** and **browse** list of view (2)
- You can **manage view**: navigate per page; filtering by search keywords or apply advanced search (3)
- Click on the magnifying glass icon -  icon to **view details** (4)
- **Filter block** by sustainable development goals (5). If you selected any sustainable development goals, you would go into **advanced search**.
- View **comments for entry** or by clicking add your comments for entry (6). These comments are visible to all users.
- **Help & Feedback** (7). If you have any problems or comments (etc. notes) for all dynamic material bank, you can click url here. These comments visible are to all users.



The screenshot shows the Dynamic Material Bank interface. At the top, there is a header with the TO4TO logo and a welcome message. Below the header, there is a navigation bar with 'View list', 'New page', and 'Search' options. A search bar is located below the navigation bar, with a red circle '3' around it. The main content area displays a table of entries with columns for Title, Year, Sustainability area, Category, Sustainable Development Goals, and Comments. The table contains four entries related to Artificial Intelligence and Sustainability. A red circle '2' is around the first entry, a red circle '4' is around the magnifying glass icon in the first entry, and a red circle '6' is around the 'Comments (0)' link in the second entry. On the right side, there is a grid of 17 Sustainable Development Goals icons, with a red circle '5' around the grid. Below the grid, there is a 'Help & Feedback' section with a red circle '7' around the 'Ask or leave your message here' link.

Title	Year	Sustainability area	Category	Sustainable Development Goals	Comments
Waste makes waste	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		• Comments (0)
Artificial Intelligence to Power Sustainable Manufacturing	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		• Comments (0)
TRUMPF Partners with NNA/SENSE Cutting – Edge AI Technology	2021	Artificial Intelligence and Sustainability	Best Practice in Industry		• Comments (0)
Artificial intelligence –critical industrial applications	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		• Comments (0)

## 5. View single

- Click on the magnifying glass icon -  or **View single** tab.

Dynamic Material Bank

Welcome to Dynamic Material Bank

Dynamic Material Bank provides a quick access to open-access information, summing up policies, recommendations and a list of up-to-date sources for organisations across different industries and locations. It provides information relevant to those wishing to develop and align their business practices with EU-supported SDGs.







Researchers may also want to use Dynamic Material Bank as quick access to up-to-date sources.

View list **View single** Search

Entries per page 10 Search Sort by Time added Ascending Advanced search

Save settings

1 2 3 4 5 6 7 8 9 10 ... 73

Title	Year	Sustainability area	Category	Sustainable Development Goals	
Haste makes waste 	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		Comments (0)
Artificial Intelligence to Power Sustainable Manufacturing 	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		Comments (0)
TRUMPF Partners with NNAISENSE Cutting – Edge AI Technology 	2021	Artificial Intelligence and Sustainability	Best Practice in Industry		Comments (0)

### One entry is displayed on page

- Browse entries by clicking on page numbers (8)
- View comments of others or leave your comment (e.g. additional info about the entry, new related sources etc.) (9)

View list **View single** Search

1 2 3 **4** 5 6 7 8 9 10 ... 723

**Title:** Artificial Intelligence –critical industrial applications  
**Year:** 2020  
**Authors:** Executive Agency for Small and Medium-sized Enterprises, European Innovation Council and SMEs Executive Agency, European Commission  
**Source:** Executive Agency for Small and Medium-sized Enterprises, European Innovation Council and SMEs Executive Agency, European Commission  
**Journal:**  
**Description:** Report on market analysis of prioritised value chains, the most critical AI applications and the conditions for AI rollout.  
**Sustainability area:** Artificial Intelligence and Sustainability  
**Category:** Best Practice in Industry  
**Sub-category:** Recommendations  
**Internet Link:** <https://op.europa.eu/en/publication-detail/-/publication/09a1b19f-93b-11ea-aac6-01aa75ed71a1/language-en>

**Keywords:** Artificial intelligence; AI; sustainability; industry; best practice; aid to undertakings; e-Health; economic consequence; EU industrial policy; exchange of information; financing; gross domestic product; GDP; impact of information technology; information technology applications; innovation; Internet of Things; IoT; robotics; small and medium-sized enterprises; sustainable development; updating of skills; value chain

**Sustainable Development Goals**

Thursday, 27 October 2021, 5:02 PM

**9** Comments (0)  
 Add a comment...  
 Save comment

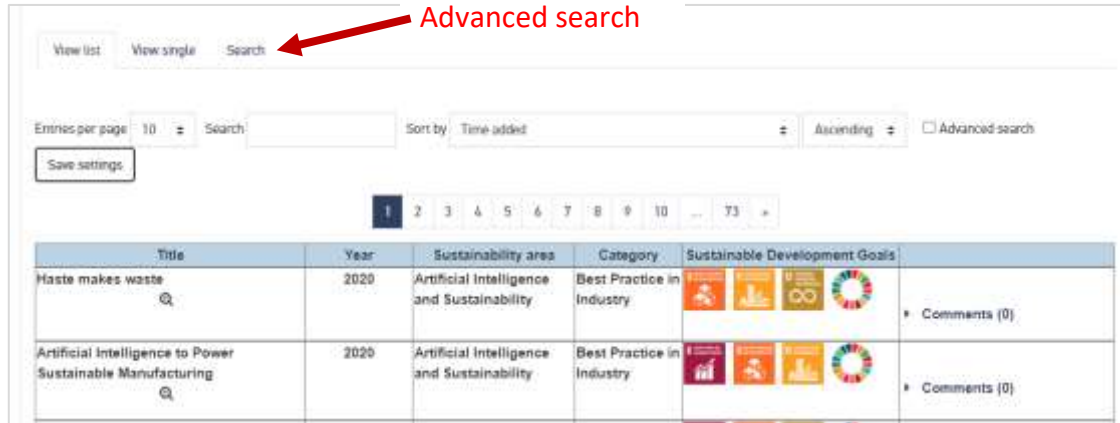
**8**

1 2 3 **4** 5 6 7 8 9 10 ... 723

## 6. Search

- Click **Search** tab.

Note: When you clicked *Search* tab or selected any sustainable development goals for block, you would go into Advanced search.



- In **Advanced search**, you may perform **search by** sustainability area, category, subcategory, title, keywords, authors, journal, year, SDGs.
- **Select one or multiple** search options and **click Save settings** below.



- You can see **search results** below:

Save settings Reset filters

Found records: 56/790 (Reset filters)




Welcome to Dynamic Material Bank of Sustainable Energy Solutions

Title	Year	Sustainability area	Category	Sustainable Development Goals	
ECO-INNOVATION at the heart of European policies		Sustainable Resource Management	European Union Regulations		   Comments (0)
EU Emissions Trading System (EU ETS)		Sustainable Resource Management	European Union Regulations		   Comments (0)
Chemicals Strategy for Sustainability Towards a Toxic-Free Environment		Sustainable Resource Management	European Union Regulations		   Comments (0)
EU Soil policy		Sustainable Resource Management	European Union Regulations		   Comments (0)

- Uncheck to exit **Advanced search** mode, and you are taken to **View list**.

General Dynamic Material Bank



Welcome to Dynamic Material Bank

Dynamic Material Bank provides a quick access to open-source information, summarizing policies, recommendations and a list of up-to-date sources for organizations across different industries and locations. It provides information relevant to those wishing to develop and align their business practices with EU-supported SDGs. Researchers may also want to use Dynamic Material Bank as quick access to up-to-date sources.

View list View single Search







Entries per page: 10 Sort by: Time added Ascending  Advanced search Save settings

Sustainability area:
  Artificial Intelligence and Sustainability
  Circular Economy
  Climate Change and Sustainability
  Corporate Social and Environmental Responsibility
  Sustainable Energy Solutions
  Sustainable Resource Management
  Basics of Sustainability and Sustainable Management

View list View single Search

Entries per page: 10 Search Sort by: Time added Ascending  Advanced search Save settings

1 2 3 4 5 6 7 8 9 10 ... 73


Title	Year	Sustainability area	Category	Sustainable Development Goals	
Haste makes waste	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		 Comments (0)
Artificial Intelligence to Power Sustainable Manufacturing	2020	Artificial Intelligence and Sustainability	Best Practice in Industry		 Comments (0)
TRUMPF Partners with NNAISENSE Cutting – Edge AI Technology	2021	Artificial Intelligence and Sustainability	Best Practice in Industry		 Comments (0)

## 7. Add entry

If you want to add entry, **go** in to section **Add Entry – Let’s Develop Dynamic Material Bank Together**, open [Add Entry and Updates of the material DB](#) and click **Add entry** tab and fill out the form.


**Note:** Add entry can user if logged in site (see [1 Log in](#)).

Add Entry – Let’s Develop Dynamic Material Bank Together





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Thank you very much for your active participation in Dynamic Material Bank development!

 [Add Entry and Updates of the material DB](#)

- Click **Add entry** tab
- Fill out the form. **Required fields** are marked  .

Add Entry and Updates of the material DB 





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[View list](#) [View single](#) [Search](#) [Add entry](#)


**New entry**


Title:  

Year:  

Authors:

Journal / Source:

Description:  



HTML format 