General Overview:

As you might be aware, the EU H2020 project **NanoCommons** (www.nanocommons.eu) started in January 2018.

NanoCommons in a nutshell aims to:

- Deliver a sustainable and openly accessible nanoinformatics framework (knowledgebase and integrated computational tools, supported by expert advice, data interpretation and training), for assessment of the risks of NMs, their products and their formulations by facilitating engagement with the research community, industry and regulators, and provision of funded access to the nanoinformatics tools for Transnational Access.

- Constitute a framework of knowledge and tools to support assessment of the hazard of NMs, their transformation products and their formulations for use in advanced materials and product design, regulatory assessment of NEMs and modelling as well as education around NEMs and their application as key enabling technologies.

- This will be done by integrating the Novel and Emerging Materials (NEMs) communities around an agreed set of approaches for data generation, data management and nanoinformatics these will constitute a framework of knowledge and tools to support.

A quick overview video about NanoCommons can be found on YouTube.
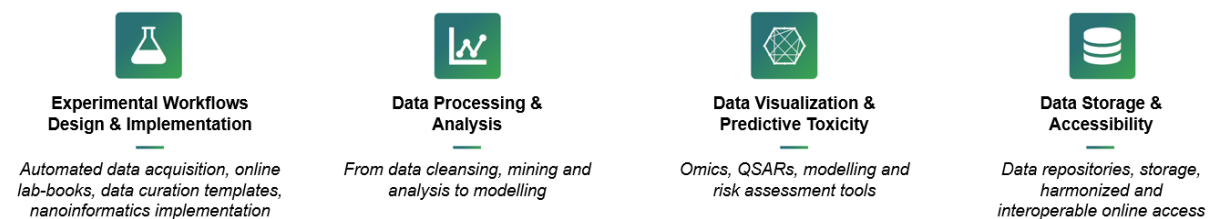
We collect your Data:

NanoCommons does not produce data, rather it ais to promote the wider use and value of data produced by other projects and initiatives. Therefore, NanoCommons would really appreciate the contribution of ongoing and completed projects regarding data. Nanosafety data is really welcome. Please, contact our **helpdesk** (helpdesk@nanocommons.eu) if you are interested.

Offering Transnational Access Services:

The **NanoCommons Transnational Access (TA)** gives nanosafety Researchers from industry, academia and regulatory bodies access to state-of-the-art NanoCommons expertise (*nanoinformatics and data management tools and modelling and risk assessment services*) free of charge to advance their work, solve problems and take their research to the next level.

NanoCommons is designed to provide innovative solutions for *data mining, harmonisation, utilisation and re-utilisation*, including incorporation of a range of *modelling and decision support tools* that require organised high-quality datasets on which to run, provided via an Open Access, federated Knowledge Commons platform. Access to the platform and the supporting tools are provided to the nanosafety community and its broadest set of stakeholders (enterprise, regulators, insurance and society broadly) via funded calls for Transnational Access, as well as development of demonstration user case studies targeting the key stakeholders (academia, industry, regulators).

NanoCommons services are included into 4 different categories:

Experimental Workflows Design & Implementation

Automated data acquisition, online lab-books, data curation templates, nanoinformatics implementation

Data Processing & Analysis

From data cleansing, mining and analysis to modelling

Data Visualization & Predictive Toxicity

Omics, QSARs, modelling and risk assessment tools

Data Storage & Accessibility

Data repositories, storage, harmonized and interoperable online access

If you are interested in the Transnational Access Services, visit our website: https://www.nanocommons.eu/ta-access/ for more information. You can find an *overview of all NanoCommons services* being offered at the website (https://www.nanocommons.eu/e-infrastructure/transnational-access-services/ or https://infrastructure.nanocommons.eu/services/) as well as examples about the *already awarded TA projects* (https://www.nanocommons.eu/e-infrastructure/awarded-ta-projects/).

Please, do not hesitate to contact our **helpdesk** (helpdesk@nanocommons.eu), if you have any questions or doubts.

Access to Training and Education:

In the NanoCommons platform you can also find **tutorials** (written and videos) **and webinars** to the different tools and services that are being offered by the project.

You can find them here: https://infrastructure.nanocommons.eu/library/, filtering by "Category".

Online Survey – Tell us your needs:

In order to better understand specific user needs and to design the NanoCommons services tailored to these needs, we have prepared a short **questionnaire**.

If you have any other needs which are not listed in the survey and where you think that NanoCommons could support you, please, contact our **helpdesk** (helpdesk@nanocommons.eu).

Looking forward interacting with you!

The NanoCommons Team