

KET*

Focus on (*) Key Enabling Technologies - nanotechnologies, advanced materials, advanced manufacturing and processing

360

INNOVATE TOGETHER

27th June 2019 - Strasbourg - FRANCE

Project idea/ Field of expertise:

Materials information management
Multi-physics simulation

Organisation Name:



GRANTA

Physics-based
simulation

+

Digitization of
materials & processes

**Adressed challenge(s)/
PPP(s):**

FoF, EEB, EGVI, SPIRE,
ECSEL, Photonics, BDV

**Adressed topic(s) in
Work Programme:**

NMBP, FoF, EEB, ICT, SC, CleanSky,
Eureka, Raw Materials. Calls of interest:

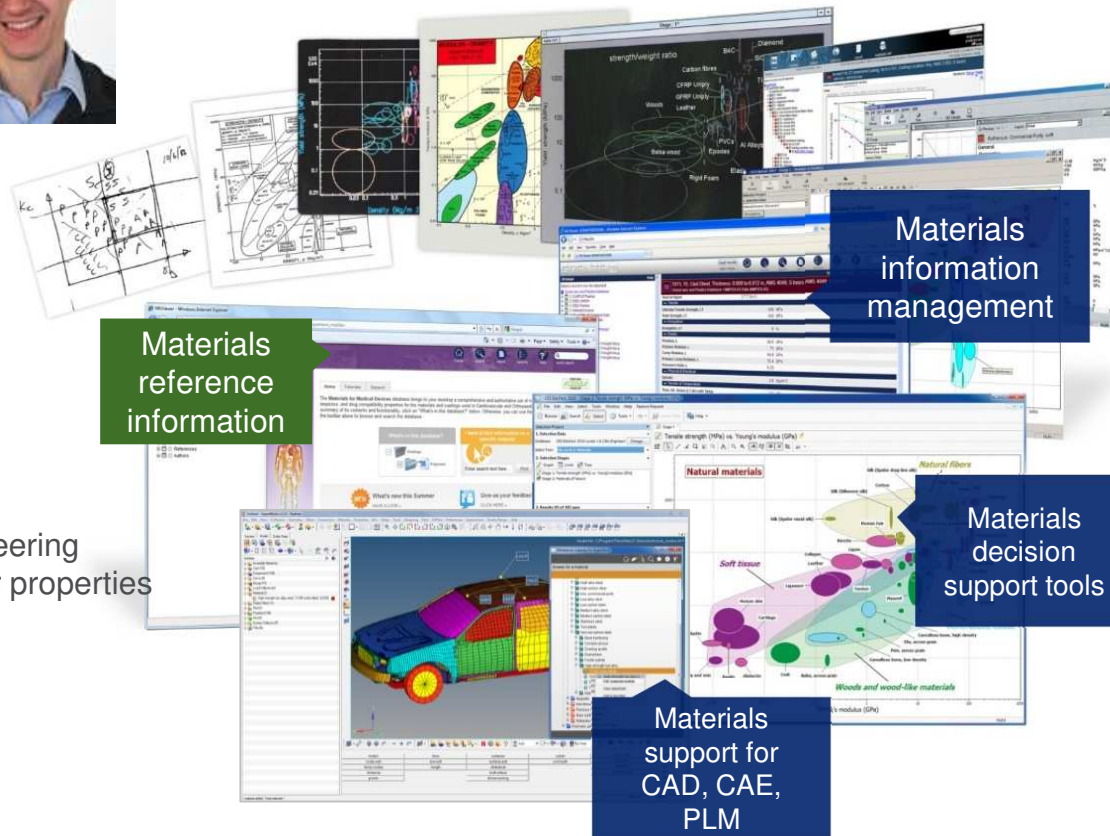
DT-NMBP-04-2020, DT-NMBP-05-2020, DT-NMBP-11-2020,
NMBP-16-2020, DT-FoF-07-2020, DT-FoF-10-2020, LC-
SPIRE-08-2020, LC-SC3-RES-9-2020, LC-NMBP-31-2020,
LC-EeB-06-2018-20, LC-BAT-12-2020, LC-BAT-10-2020, LC-
BAT-11-2020, LC-BAT-8-2020, CE-SC5-08-2020, CE-SC5-
31-2020, LC-SC3-CC-9-2020 ...



Materials information technology is...

Software + Information

...related to engineering materials and their properties

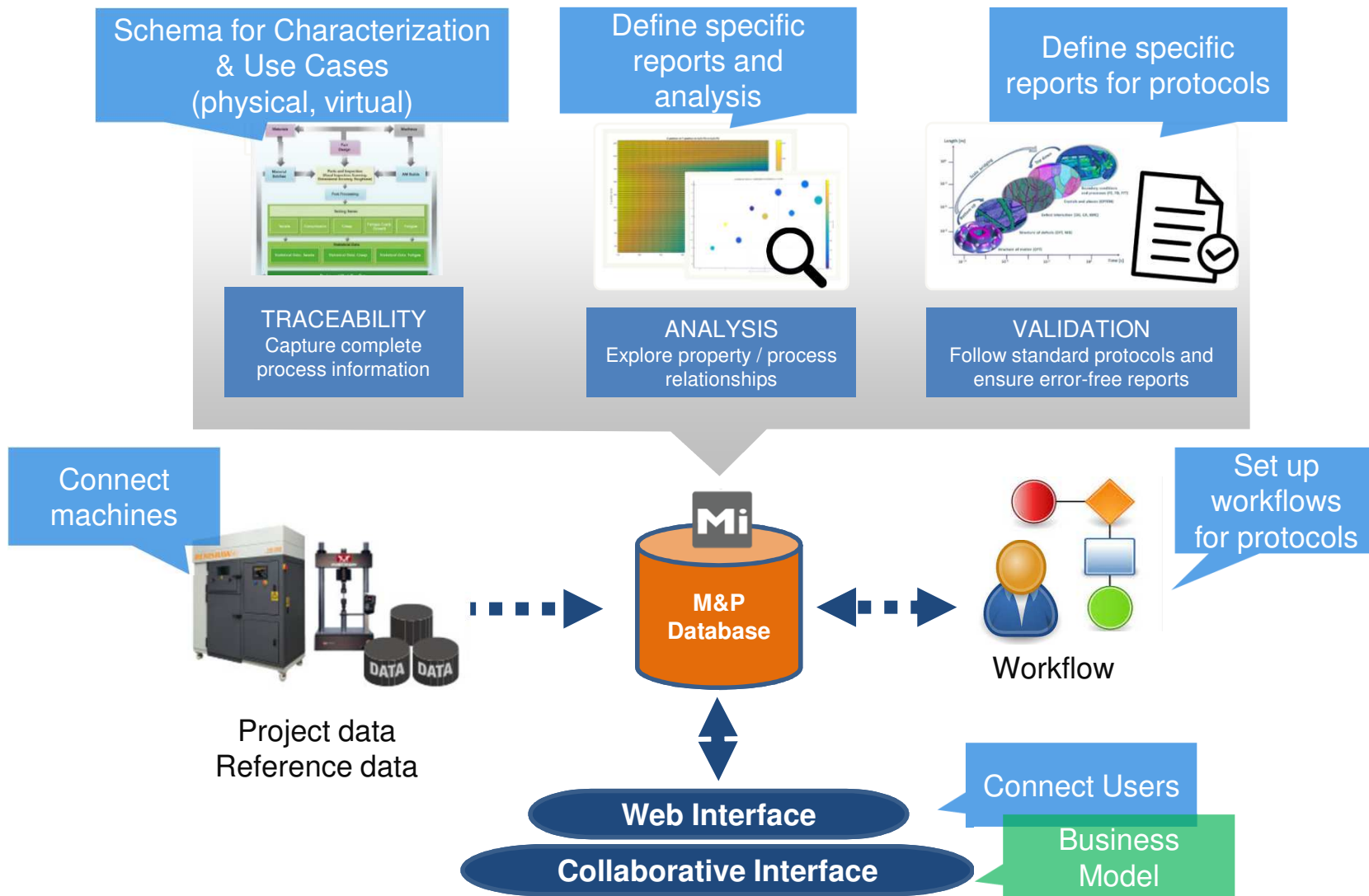


ANSYS / GRANTA

- SME, 1994-2019
- Acquired by Ansys 2019-02-01
- Mission: Lead materials information technology — to advance materials engineering and education, and to enable better, greener, safer products
- 185 staff (operations and R&D): The world's largest team solely focused on materials information technology
- Global presence through sales and service partners
- Experienced CR&D project partner

Active EU/UK Projects: **Pilot Plant** (FLEXPOL), **ICME** (FORCE, COMPOSELECTOR, EMMC-CSA, MARKETPLACE), **Open Innovation Test Beds / Environment** (CORNET, iTRIBOMAT, FORMPLANET), **Batteries** (MAT2BAT, IDMBAT), **Clean Sky** (PLEIADES, PASSPORT), **Resource Efficiency / Raw Materials** (SusCritMat, ECOBULK, GUCCIS), **Additive Manufacturing** (DRAMA, DREAM, PASSPORT, SAM)

Project Materials Digitization, and Process Digitalization



Consortium (if any)

Known partners / Competence offer

Name	Type	Country	Role in the project
------	------	---------	---------------------

We have contacts across many domains and expertise to help build consortia and project ideas. Consortia building efforts underway (e.g. NMBP-31, NMBP-04)

Partner search

Profile	Type	Country	Role in the project
---------	------	---------	---------------------

Designers and Manufacturers			Composites, Batteries, Biomedical Devices, Electronic Devices
-----------------------------	--	--	---

Materials Suppliers			Materials development insight
---------------------	--	--	-------------------------------

Contact details

Contact person	Dr. Donna Dykeman
Organisation	ANSYS/GRANTA (Materials Business Unit)
Address	Cambridge, United Kingdom
Phone	+44(0)1223218000 ext. 358
E-mail	Donna.Dykeman@ansys.com

<https://grantadesign.com/>

<https://www.ansys.com/>

www.grantadesign.com/company/collaborations/

<https://grantadesign.com/industry/products/granta-mi/>