## OUR YOUNG NANOSCIENTISTS - A SIGNIFICANT RELEASE TO THE ENVIRONMENT



Adam

**WP4, WP1, WP2** 



Jessica Adams WP7



Marta Baccaro WP9



WP8

Andrea Geethu Brunelli Balachandran **WP10** 



Nathaniel Clark WP9



Arnaud Clavier

**WP7, WP8** 



Richard Cross **WP10** 



**WP3, WP5** 



Etxabe WP9



Alexander Gogos WP5 deputy leader



Gondikas WP8



samuel Harrison

WP2



Alice Horton WP7



Anita Jemec

WP9



Zahra Khodaparast WP7, WP9



ELMa Lahive WP7 deputy leader



Clément Layet WP8



Aiga Mackevica WP8



Matzke WP5, WP7, WP8, WP9



Karin Norrfors **WP7, WP9** 



Sara Novak

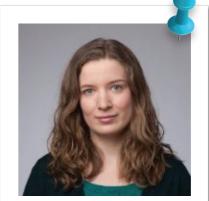
WP9



Tassos Papadiamantis WP3



Vicens Pomar Portillo **WP1, WP4** 



Antonia Praetorius

WP8 deputy leader



Schultz

**WP7, WP9** 



Stetten

WP8



Talaber WP9



**WP7, WP9** 



Patrícia Verissimo Tepe Silva WP8, WP9 WP8



Helene Walch **WP7, WP9** 



« I have learned a lot from both the project and the scientists involved. As Young NanoScientists we had a lot of opportunities to communicate our science within the project allowing me to start overcoming my fear of public speaking. My proudest scientific achievement was to win a NanoFASE poster competition in Lancaster in 2017. My biggest surprise scientifically? How long cleaning plant roots takes:)! A colleague and I came up with a root-washing song that evolved, transformed and was adapted to famous songs...Denitsa Tarnovska – CEH – UK

« The work in NanoFASE gave me insights into the working principles of big international science projects and allowed me to connect to many leading scientists in the field. It also taught me critical time management strategies and sharpened my ability to discriminate between things important and less important. My proudest scientificachievement is definitely the conduct and evaluation of the pilot scale experiments (incineration and pyrolysis). Funny only in retrospect: rushing by car from PSI where we had beamtime, to EAWAG in the middle of the night to pick up some ingredients and make preliminary measurements...By some miraculous twist of fate the reactions worked.... **Alexander Gogos – EAWAG – Switzerland** 

« My greatest satisfaction from NanoFASE is being able to meet so many great scientists and develop a larger network. My proudest achievement is being able to **refine the base model** in such a way that it gives estimates of the forms in which the nanomaterials are released to the environmnent. This is highly relevant for enviroi inental fate, toxicity and risk assessment. My greatest surprise was probably to realise that nano-TiO2 could transform during its life cycle. It is known to behave as an inert material, but a Nano-FASE study that showed that it can **transform** during incineration. » Véronique Adam – EMPA – Switzerland

« NanoFASE has taught me a lot about the **power of interdisciplinary research** and how beneficial it is when done properly. It's been a pleasure working with experts in so many different fields and gaining their knowledge, insights and hard work towards my main project role - the creation of the NanoFASE water-soil-organism model. My greatest satisfaction is also my proudest achievement – seeing the finished NanoFASE water-soil-organism model in action.» Samuel Harrison - NERC CEH - UK

50 peer-reviewed publications including HOT ARTICLES Up to 150 more expected

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