



Dolphin

Global Research Center

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Mother Theresa

PhD MBA

Chief Executive Officer

11 September 2022

Professor Dr. Albert Einstein

Head of Research

Global Research and Development

Building 1234, Innovation Center 123
123453 Berlin, Germany

Re: PARTICIPATION IN GLOBAL PROJECT

Dear Einstein,

We are leading a collaborative multidisciplinary research project to address the global climate challenges for carbon and nitrogen management and valorisation. Our research consortium is comprised of established academic researchers from various research universities and technology experts from around the world with a proven track record of delivering successful research projects and technology solutions. We are in a process of submitting our collaborative proposal to this challenge due on 31 December 2030 with an expected budget of EUR 11.2 million.

Our proposed project aims to develop breakthrough materials, novel processes, and integrated technology solutions for effectively managing a variety of N-base molecules by converting them into value-added products such as net zero commodities, chemicals, fuels, and energy vectors. Our research underpins renewable energy as a primary driver for innovation in N-conversion materials and technologies by delivering the following work packages.

1. Material discovery for N-base interspecies conversion
2. Material optimisation for photocatalytic activities
3. System design, operation, and Industry 4.0 integration
4. Circular economy for sustainable process manufacturing
5. Knowledge and technology transfer to industry and academia

Our novel materials and a suite of state-of-the-art process technology solutions will address in an integrated manner: environmental, industrial, agricultural, socioeconomic, and logistic issues. We strongly believe that our research efforts will significantly advance science and its key benefits to the industry. Therefore we cordially invite you to join us in this undertaking of high societal importance.

Please let me know your expression of interest to join the project and a suitable date for further discussions. I look forward to further discussing call of action towards attaining environmental sustainability.

Yours sincerely,

Mother Theresa