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Impact investment future for Nanotechnology

Statement of the Problem: The real world and the investment world are at a crossroads in terms of how it will need to function sustainably in the future. Nanotechnology has shown through research and more recently in industry that it has the tools to reshape the future of how we live and shape our environment. There have been billions invested in Nano research, but the commercialisation of the research has recently started to accelerate. The investment world is also going through a massive disruptive innovation phase which will require new models for investment using the valuable IP that has been created from Nano scale research.

Methodology & Theoretical Orientation: Recently we have seen quantitative and qualitative evidence that the disruptive nature of some Nano enabled technologies can reshape whole industries and our way of life. Therefore, the traditional VC model or IPO route has often stifled great innovation as it requires the technology to have the fully capitalised funding to deliver Nano enabled technologies into healthcare, energy, transport, food production, commodities, infrastructure and our environment. These investments will be larger but more sustainable. This brings many benefits to impact investing in nanotechnology including better returns for shareholders as well as making the world safer and sustainable. By 2050 70% of the world's population will live in urban environments known as smart cities and this will only function if we create Nano enabled smart cities where healthcare for instance is decentralised with early intervention and precision medicine being the bedrock of our health systems for it to be affordable. The same applies to energy, transport, food production and all the other key functions that sustain our economies and life as we know it.

Conclusion & Significance: Smart Nano innovation must be matched with smart investment and it is vital to the world economy and sustainability of life on earth for future centuries.

Biography

Paul Stannard has worked internationally in the US, Europe, Middle East and Asia and spoke at Davos 2019 about the next industrial revolution (Industry 4.0) and the impact on Smart Cities and how Nanoscale technologies will change the world in almost every area of life including sustainable healthcare, energy, food production, transport, infrastructure, AI and telecoms and communications. Chairman of The World Nano Foundation for the commercialisation of nanotechnology. Chairman of Trustees for World Science Aid and Chairman and Founder of Nano Media Group who are launching an investment funding programme where Nanotechnology research and IP can be potentially used as a tangible asset for funding and investment. He is also Chairman of Enabling Tech Capital based in London. He is a passionate advocate for Nanomedicine, Nano materials as well as other Nano enabled technologies which create significant global value and impact as well as sustainability for everyone.

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