

OXFORD SUSTAINABLE DEVELOPMENT ENTERPRISE - BIGDATA INSTITUTE - OXSDE-BDI www.bigdata.io

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INTRODUCTION

The Oxford Sustainable Development Enterprise, (OXSDE) – (formerly the Economic Geography Research Group of University of Oxford) and BIGDATA INSTITUTE (BDI) is an innovative European Economic Interest Group (E.E.I.G.) registered in the United Kingdom with headquarters in Oxford and London in partnerships with Universities Oxford University Innovation, Imperial College and with the support of IBM (UK).

The OXSDE-BDI group has a wide range of highly qualified experts and as catalyst and a clearing house for cooperative efforts among member and associated members.

MISSION

DATA TRANSFORMATION STRATEGY FOR SUSTAINABLE ECONOMIC GROWTH AND INNOVATIVE JOB CREATION THROUGH DATA SCIENCE, INTERNET OF THING, ARTIFICIAL INTELLIGENCE AND QUANTUM COMPUTING.

Implementing the core business operations of the Research Data Alliance (rda-alliance.org) by building the social and technical bridges that enable open sharing and reuse of data. Our vision is researchers and innovators openly sharing data across technologies, disciplines, and countries to address the grand challenges of society.

Leveraging data co-operative networking and resourcing for developing mass-customized sustainable solutions and Data Innovation Hub (DIHUB) in the context of EU Smart Specialisation Strategy (S3).

Delivering training in Bigdata Science Engineering, Remote Sensing & Geoinformation, Datacube, Artificial Intelligence, Quantum Computing

MANAGEMENT TEAM

Mrs Elena Bonfa

DIRECTOR

Founder & Bigdata Economic Transformation

Mr. Rogers Boima

Digital Marketing Development and Transformation

ADVISORS

Prof. O.Washington-

Director Strategy and Digital Infrastructure Transformation

Imperial College (UK)

Prof. Min . Chen –

Digital Visualisation

Oxford E- Research Center Oxford University/Oxford Sustainable Finance

Oxford Bigdata Institute

Prof. Robert B. Cohen-

Economy Strategy Institute (USA)

Dr. Mike Sips

Geomultisense Big-Data expert

GFZ- Berlin Germany

Dr Jesse Anderson –

Director Bigdata Institute (USA)

Dr. David Shaw-

Quantum Computing

Mrs Althea Davies-

Head Data Strategy RDA-Alliance Group (www.rda-alliance.org)

BACKGROUND

OxSDE, A Digital and Research Technology Organisation University (RTO- U) started in May 2001 by being registered at the UK Company House as Sustainable Development Enterprise (SDE) as European Economic Interest Grouping (EEIG), with three key member partners: The Economic Geography Research Group of Oxford University, UK, Carl Bro SA (Belgium) and DR. Stefano Bonfa, IBM consultant. In order to broaden the scope of our services and to increase our presence in the world we have joined forces with the USA BIGDATA INSTITUTE (www.bigdatainstitute.io) creating the group OXSDE-BDI

During this period, SDE (EEIG) has evolved into an European Research Technology Organisation , registered as OxFORD SUSTAINABLE DEVELOPMENT ENTERPRISE (OxSDE) European Economic Interest Group. OxSDE is at moment independent supporting the European public sector at local, regional and national level , as well as the private industry (Large Enterprises, ME and RTO spinoff) and Civil Society in design and implement data innovative strategy solutions using Data-Cube IoT and Artificial Intelligence.

The Oxfordshire Model for implementing the EU Smart Start-ups Specialisation Strategy (S3) was adapted by Oxford-SDE as an innovation data driven approach linked to discover of local innovative driven idea leading for a strategical economy growth and job creation. Today, OxSDE-BDI through the STRATEGICAL ADVANCED MODELLING ONLINE (SAMO) based on OPEN DATACUBE IoT AI platform funded by ESA-Earth Observation Entrepreneurships Initiative (EOEI) was create to establish DATA INNOVATION HUB FOR THE DIGITAL REGIONAL TRANSFORMATION. In this context, the SAMO platform, through the technology Deep Learning algorithms, IoT Infrastructure Reference Architecture is implementing the EUROPEAN SMART SPECIALISATION STRATEGY (S3) directive framework aiming to discover territorial innovative ecosystems data driven cluster, incubator and start-ups and identify sustainable economic territorial grow and innovative job creation..

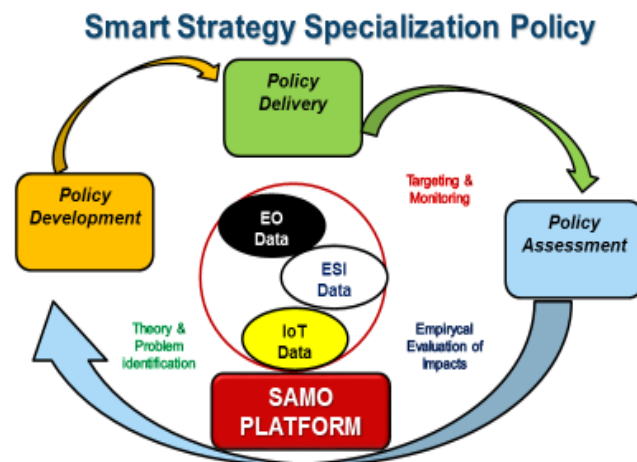
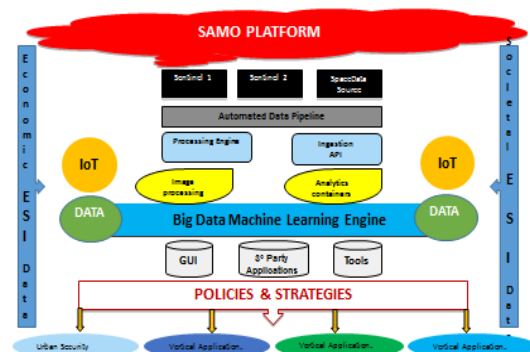
OxSDE-BDI is a central hub designed to educate, inspire and prepare startup communities for the digital age. OxSDE-BDI is part of Global and Space Startup Ecosystem (www.spacestartupecosystem.com) accelerates 1000 companies across 90 countries entirely online. As the fastest growing online community for startups, the platform also creates digital accelerator programs for corporations, universities and governments via its Digital Lab division

SERVICE

ANALYSIS READY DATA (ARD) SERVICE THROUGH THE STRATEGICAL ADVANCED ANALYTICAL MODELLING ONLINE HUB (SAMO) AND OPEN DATACUBE TECHNOLOGY. APPLICATIONS:

ENVIRONMENT/CLIMATOLOGY/ENERGY

- INTEGRATED DATA ECONOMIC STRATEGY DEVELOPMENT AND INNOVATIVE JOB CREATION
- DATA ENGINEERING CENTRIC FOR TRANSFORMATION AND INNOVATION
- INNOVATIVE INCUBATORS /STARTUPS ECOSYSTEM



ONLINE Courses and Master Degree

- DATA SCIENCE
 - INTERNET OF THING (IoT)
 - , -DATACUBE
 - ARTIFICIAL INTELLIGENCE (AI)
 - ONLINE MASTER DEGREE INFORMATICS-
- PEGASO INTERNATIONAL UNIVERSITY MALTA