The Ecological Sequestration Trust becomes a member of the Social Stock Exchange

Thursday 4 May, 2017

Following a rigorous impact validation process, the Ecological Sequestration Trust (the Trust) has been granted membership of the Social Stock Exchange (SSX). Membership of the SSX will give the Trust a range of benefits including direct access to dedicated impact investors through the strong global network of SSX partner organisations.

The Trust was set up in 2011 by Peter Head to speed up and scale up transformative city region development. In its “Resilience Broker” capacity, the Trust has brought together leading experts within the World Urban Campaign to create Roadmap 2030, a comprehensive action plan for financing and implementing the Global Goals in City Regions worldwide.

At the heart of this plan is resilience.io, described by leading experts as the most sophisticated city-region modelling platform being developed in the world. A software solution that connects developers, innovators and technology providers, with city demand to encourage risk informed investment and policy decision making, and to support infrastructure and technology design and procurement to deliver improved resilience.

The resilience.io prototype has been successfully piloted in Ghana; focussed initially on Water and Sanitation, the prototype models the resource flows through the Greater Accra area with innovative process models and simulates the population using an Agent Based Model. This is a real breakthrough that allows users to investigate the best strategies to achieve 100% access to clean water and sanitation throughout Greater Accra.

The Trust is now working with the SSX to secure investment into its newly launched Resilience Brokerage Fund. This fund will enable us to complete the development and testing in Ghana and start deployment of this unique software platform. The Trust is looking for 200 city regions to demonstrate the platform in the next 5 years.

Stephen Passmore, the Trust’s Head of Platform Delivery, will take to the stage at “ICLEI Resilient Cities 2017”, to explain the resilience.io investment and planning decision support tool for integrated resilient and climate compatible development. Stephen will provide a practical demonstration of the power of integrated systems planning in building resilient cities based on WASH sector Ghana prototype.

resilience.io | ecosequestrust.org |Roadmap2030.pdf

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Media enquiries:

Andre Head
Head of Communications, The Ecological Sequestration Trust
Email: andre.head@ecosequestrust.org
Tel: +447860535218

About the Ecological Sequestration Trust

The Ecological Sequestration Trust is a UK based non for profit “Resilience Broker” set up in 2011 to speed up and scale up transformative city region development, by tackling more resilient development, climate change, and disaster recovery. The Trust connects public, private, academia and civil society sectors for collaborative risk assessed decision making. The Trust has developed a world leading integrated systems digital planning and investment tool resilience.io which calculates resource flows, including impacts of clean technologies used at scale in cities, and supports market assessment and building investment business cases taking account of climate risks. The Trust is already working with experts and partner networks in Europe, China, India, Africa, South America and SE Asia. The Trust has brought together leading experts within the World Urban Campaign to create and implement Roadmap 2030, a comprehensive action plan for financing and implementing the Global Goals in City Regions worldwide. ecosequestrust.org/roadmap2030

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About resilience.io

Resilience.io is the world's first collaborative, human–ecology–economics–resource systems (CHEER) modelling platform, supporting resilient, disaster-risk sensitive land and infrastructure planning, policy-making and investment for city-regions. It is a cloud-based GIS digital platform that provides an integrated systems view of a city-region. It combines computer visualisations of all resource flows, human and ecological activities and infrastructure. The platform contains a library of process models of human, industrial and ecological systems, which can be selected locally to create a tailored integrated systems model for any region. It is able to show how clean technology innovations can improve economic and wellbeing outcomes and enables integrated planning to reduce infrastructure costs by 40%. Product Apps, purchased by innovators, enable users to assess and access the best technologies within pipelines of projects.

Stakeholders come together and load up insurance grade data from many sources to build their region's model for collaborative decision-making. resilience.io

About Social Stock Exchange
The Social Stock Exchange provides access to the world's first regulated exchange dedicated to businesses and investors seeking to achieve a positive social and environmental impact through their activities. The aim of the exchange is to help these businesses connect with investors and unlock capital at scale. All issuer member companies must meet a rigorous set of criteria before joining, including the publication of an Impact Report. socialstockexchange.com

About ICLEI

Local Governments for Sustainability is the leading global network of more than 1,500 cities, towns and regions committed to building a sustainable future. By helping the ICLEI Network to become sustainable, low-carbon, resilient, ecomobile, biodiverse, resource-efficient and productive, healthy and happy, with a green economy and smart infrastructure, we impact over 25% of the global urban population. iclei.org

Company Contact:

Resilience Brokers

T. +44 (0) 7860 535 218
E. andre.head@ecosequestrust.org
W. https://resiliencebrokers.org

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