

**PRE-ACCELERATOR
PROGRAMME**

What is startX?

- **startX** is a new programme created and funded by South East Technological University (SETU)
- Developed to support **innovation and entrepreneurship** in the South East region, **startX** will run from March to May 2024
- This free programme will support four cohorts of **business owners** and **innovators**, each aligned with the research themes of the Technology Gateways within SETU: Design+; PMBRC; SEAM; and the ICS Technology Gateway at Walton Institute.

Who is startX for?

startX has been designed to bring innovation and scaling skills to **innovators**, **business owners**, and **entrepreneurs**.

The 2024 startX cohort features participants from a diverse range of backgrounds, including:

- Established South East businesses, looking for an innovative edge to fuel their growth;
- Individuals with an idea;
- Early-stage start-ups;
- Student entrepreneurs, currently based at SETU.

How will startX help?

- Participants gain expertise and experience by taking idea-stage concepts and learning how to validate and scale.
- **startX** will be delivered on-site at SETU campus locations, giving participants access to the world class R&D and technological insights at SETU's Technology Gateways
- Gaining a better understanding of an innovation-led career path, be provided with best-in-class tools to think clearly about the opportunities to pursue, be exposed to world-class insights and experience from industry leaders, and be signposted towards right-sized supports within the local ecosystem.

Meet the 2024 startX Cohort: Tuesday

The 2024 startX cohort consists of 25 participants, split into four groups. The following are the six projects in the Tuesday group, supported by the PMBRC Technology Gateway.



Meet The Cohort DataWorks

Development of a suite of Low-Code Apps to support Operational Excellence and Continuous Improvement in Manufacturing

Participant: Barbara Malloy
Location: Waterford



Meet The Cohort H2...OH!

Creating sustainable cleaning solutions for the construction industry that are non-hazardous

Participant: Ali Lyons
Location: Carlow



Meet The Cohort Dileep Kumar

Researching how conducting experiments in microgravity environments can assist pharmaceutical companies and research

Participant: Dileep Kumar
Location: Waterford



Meet The Cohort Genotrial

Genotrial is a clinical trial enrollment platform. Matching the right patient to the right trial based on genomic data & AI

Participant: Kevin Barrett
Location: Kilkenny

Meet The Cohort

Elizabeth Morrissey

Developing a line of luxury perfumes using essential oils without an alcohol base

Participant: Elizabeth Morrissey
Location: Carlow

Meet The Cohort

Locus Mobile App

Developing a mobile app designed to support parents of secondary school students with dyspraxia. The app provides personalised therapeutic solutions based on assessments empowering parents transforming the development of students

Participant: Jagdish Prasad Yadav
Location: Waterford

Meet the 2024 startX Cohort: Wednesday

The following are the seven projects in the Wednesday group, supported by the SEAM Technology Gateway.





Meet The Cohort

MyComfort Ltd.

MyComfort is an Irish brand redefining migraine relief by encapsulating the understanding of neurological and ocular pain with innovative multiway eye masks.

Participant: Catherine Hearn
Location: Carlow



Meet The Cohort

Thomas Weldon

Developing wearable AI systems for military use, providing real-time detection of optical cameras and thermal sensors. This will enhance soldiers' situational awareness on the battlefield, improving security and operational effectiveness in challenging environments.

Participant: Thomas Weldon
Location: Waterford



Meet The Cohort

Syed Rizvi

Developing a block-chain app that allows users to effortlessly discover suitable housing options with a particular focus in aiding the elderly population living alone

Participant: Syed Rizvi
Location: Waterford



Meet The Cohort

Megan Manning

Design and build a jewellery brand for Women to empower themselves

Participant: Megan Manning
Location: Carlow

Meet the 2024 startX Cohort



Meet The Cohort Solar Evolution Ltd.

An Engineering Solar PV company that designs, builds, installs and commissions through detailed designs; trying to demonstrate new products coming onto the market

Participant: Brigid Walsh
Location: Carlow



Meet The Cohort Dunwood Contracting Services

Creating modular safety stations for accidents or emergency's that happen on constructions sites and developing an app to onboard construction industry candidates to save their information that feeds through an induction system

Participant: Jamie Dunne
Location: Carlow



Meet The Cohort DyMaPass

Leveraging cutting-edge technology to provide a comprehensive and dynamic digital profile of a construction product's lifecycle. Key components include blockchain for secure and transparent data storage, BIM, IoT and AI for insightful environmental assessments.

Participant: Ioannis Markou
Location: Waterford

Meet the 2024 startX Cohort: Thursday

The following are the six projects in the Thursday group, supported by the ICS at Walton Institute Technology Gateway.



Meet The Cohort

Pauric Hackett

Create a production park that creates a facility for developers, experience for consumers and practical engaging user cases to capture data on.

Participant: Pauric Hackett
Location: Laois



Meet The Cohort

Mohd Siblee Islam

Developing an AI-Enhanced decision support platform for sustainable living to help support the affordable and clean energy. In tandem, creating a platform to connect health related IoT devices to a cloud service to aid performing secure data onboard and offboard and develop decision support systems.

Participant: Mohd Siblee Islam
Location: Waterford



Meet The Cohort

Geared

Creating a car sales platform that specialises in creating the best quality advertisements for selling cars utilising computer vision to ensure each ad has a specific set of photos

Participant: Emlyn Farrell
Location: Waterford



Meet The Cohort

Nilesh Sorathiya

Tackling the global housing crisis by leveraging blockchain technology for affordable housing solutions.

Participant: Nilesh Sorathiya
Location: Waterford

Meet the 2024 startX Cohort



Meet The Cohort

Lukas Birkus

Electric car charging system for mass charging which can be utilised by both private companies and public.

Participant: Lukas Birkus
Location: Waterford



Meet The Cohort

Niall Lonergan, Eoghan Dunphy & Joe Delaney

Developing a mobile and web-based app that will improve spray rates and volumes on farms and act as a documentation system. This will aid farmers in auditing and reducing their spray rates.

Participant: Niall Lonergan, Eoghan Dunphy & Joe Delaney
Location: Waterford

Meet the 2024 startX Cohort: Friday

The following are the six projects in the Friday group, supported by the Design+ Technology Gateway.



Meet The Cohort SubPlot

Subplot is an online service that will provide training and assessment for construction workers using 360 videos with scenario-based virtual environments and assessment questions to help comprehend, and build confidence and understanding of health and safety requirements and the dangers in the construction industry.

Participant: Catherine Dean
Location: Carlow



Meet The Cohort Solar Motorways

Harnessing the fallow grounds in sidings and ancillary lands adjoining motorways by deploying solar panels accelerating Ireland into a new era of power self sufficiency.

Participant: Jeremy Kenny
Location: Dublin



Meet The Cohort Kids Peace of Mind

Aiding parents and children by developing therapeutic calming tools that children can build and create themselves and use as a mindfulness meditative tool to help overcome anxieties and build self esteem to self soothe.

Participant: Deirdre Leacy
Location: Wexford



Meet The Cohort Amplify

Develop an innovative digital platform designed to unite the music industry by facilitating seamless interactions between musicians, venues, and music services effectively streamlining connections and bookings within the industry.

Participant: Liam Kelly
Location: Carlow

Meet the 2024 startX Cohort



Meet The Cohort Brian White-Starrs

Developing a web app that helps market gardeners operate their business, from planning through to harvest, while nudging them towards achieving and maintaining organic certification.

Participant: Brian White-Starrs
Location: Waterford



Meet The Cohort Fiona Treacy

Prototyping a collapsible breast pump that will be more travel friendly and compactible for breastfeeding women to travel with.

Participant: Fiona Treacy
Location: Kildare