SFI Artificial Intelligence for Societal Good Challenge Teams

Team Name: GreenWatch

Challenge: Enhancing United Nation Sustainable Development Goal (SDG) progress measurement

Team: Andreas Hoepner (UCD), Georgiana Ifrim (UCD), Pat Cox (Sustainable Nation Ireland)

This team is co-funded under a partnership with the Department of Foreign Affairs and Trade

Team Name: TAPAS

Challenge: Enabling developing countries to track climate change adaptation in their agri-food sectors

Team: Aaron Golden (NUIG), Charles Spillane (NUIG), Andy Jarvis (International Center for Tropical Agriculture (CIAT))

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Team Name: Digital Diabetes

Challenge: Reducing the Burden of Diabetes Through Earlier Diagnosis

Team: Derek O'Keeffe (NUIG), Andrew Simpkin (NUIG), Fidelma Dunne (NUIG)

Team Name: 3D3P

Challenge: Empower and promote the social, economic and political inclusion of people with full or partial limb loss

Team: Padraig Cunningham (UCD), Andrew Dickson (UCD), Breda Clancy (Atlantic Prosthetic Orthotic Services Ltd)

Team Name: VideoForce

Challenge: Enabling remote sports injury assessment

Team: Ciaran Simms (TCD), Aljosa Smolic (TCD), Garreth Farrell (Leinster Rugby)

Team Name: REEP

Challenge: Reduce electronic waste generation by empowering people to repair, reuse and refurbish electrical and electronic equipment

Team: Mathieu d'Aquin (NUIG), Umair Ul Hassan (NUIG), Vincent Carragher (Galway Waste Coop)

Team Name: Fair AI

Challenge: Supporting social justice and equality by eliminating bias in AI

Team: Eugenia Siapera (UCD), Susan Leavy (UCD), Mary Hearne (LinkedIn)

Team Name: WirelessTouch

Challenge: Supporting independent living for people with epilepsy

Team: Lina Xu (UCD), Quan Le (UCD), Edel Curran (Epilepsy Ireland)

Team Name: Cailín

Challenge: Reducing the Impact of Endometriosis Through Timely Diagnosis

Team: Siobhan Kelleher (NUIG), John Breslin (NUIG), Kathleen King (Endometriosis Association of Ireland)

Team Name: AI-4-Life

Challenge: Reducing neonatal morbidity and mortality

Team: Liam Marnane (UCC), Geraldine Boylan (UCC), Mairead O'Riordan (Cork University Maternity Hospital

Team Name: pCCare

Challenge: Palliative care that meets the needs of an aging society

Team: Ciara Heavin (UCC), Armagan Tarim (UCC), Fiona Kiely (Marymount Hospice Cork)

Team Name: UCD SPHERE

Challenge: Reducing the burden of preeclampsia through development of AI-enabled diagnostic and predictive tools

Team: Patricia Maguire (UCD), Fionnuala Ní Áinle (UCD), Mary Higgins (National Maternity Hospital, Holles Street)

Team Name: SmartAblate

Challenge: Surgery-free therapy for lung cancer

Team: Martin O'Halloran (NUIG), Giuseppe Ruvio (NUIG), Anne-Marie Baird (TCD)

SFI Zero Emissions Challenge Teams

Team Name: LiCoRICE

Challenge: Bringing lithium cobalt batteries into the circular economy

Team: Tony Keene (UCD), Steven Ferguson (UCD), Conor Leonard (WEEE Ireland)

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Team Name: SolarCool

Challenge: Improving Solar Panel Performance in Arid Climate Conditions

Team: David McCloskey (TCD), Séamus O'Shaughnessy (TCD), Connell Foley (Concern Worldwide)

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Team Name: MESSO

Challenge: Minimising the environmental impact of additive manufacturing

Team: Andrew Cashman (CIT), Michael D Murphy (CIT), Donal Og Cusack (Depuy Synthes)

Team Name: SMILE

Challenge: Reducing transport emissions through smart mobility

Team: Sam Cromie (TCD), Brain Caulfield (TCD), Shane Dunny (AECOM)

Team Name: HyBioSol

Challenge: Making the energy and waste management sector sustainable

Team: Paolo Dessi (NUIG), Pau Farras Costa (NUIG), Kieran Cunnane (Galway Waste Coop)

Team Name: EcoMAG

Challenge: Creating Eco-Friendly and Cost-Effective Super Magnets for Electric Vehicles

Team: Ansar Masood (Tyndall), Paul McCloskey (Tyndall), Wassim Derguech (Jaguar Landrover)

Team Name: EFACE

Challenge: Increasing the efficiency of renewable electricity using bioenergy

Team: Jerry Murphy (UCC), David Wall (Tyndall), Ian O'Flynn (Gas Networks Ireland)

Team Name: Farm Zero C

Challenge: Creating a carbon-neutral resilient dairy farm

Team: Kevin O'Connor (UCD), Fionnuala Murphy (UCD), Enda Buckley (Carbery)

Team Name: NAPSS2030

Challenge: Making sustainable transport available to everyone

Team: Yuansong Qiao (Athlone IT), Leo Creedon (IT Sligo), Michael Newham (Call-A-Pod)

Team Name: Carbon-Impact

Challenge: Developing sustainable and scalable atmospheric CO2 capture technologies

Team: Wolfgang Schmitt (TCD), Sebastien Vaesen (TCD), John Gibbons (MedMedia Group)

Team Name: C-MINUS

Challenge: To enable low-energy carbon-capture technologies

Team: Michael Zaworotko (UL), David Styles (NUIG), Loenard Barbour (Stellenbosch University)