

NEWSLETTER

Welcome to the first edition of the Halpin Centre for Research & Innovation quarterly newsletter.

A brief introduction to some of the active EU projects and research activities in Halpin for the coming year.



Issue 1 | March 2019

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ARCTIC NAVIGATION



SEDNA is focusing on safe maritime operations under extreme conditions; the Arctic case, while ARCSAR sets out to establish the first formal Arctic and North-Atlantic security and emergency preparedness network. Both projects funded under the European Commission H2020 program allowed for spectacular Arctic Icebreaker field trips. Looking forward to future exciting work in this new frontier!

These projects are funded under the EU H2020 Research & Innovation programme under grant agreement No.'s 786571 & 723526 (Projects Manager: Robert Lynch)



SAFETY & SECURITY



EU C.I.S.E 2020



March 2019 marks the end of project EU C.I.S.E 2020. This project was to develop a pre-operation validation of new elements of R&D needed to develop C.I.S.E (Common Information Sharing Environment) among EU Agencies in order to improve the safety and security of EU citizens. (Project Manager: Tom Tuohy)

This project has received funding from the European Commission Research & Innovation FP7 programme.

MONITORING IMPACTS OF CLIMATE CHANGE STREAM

Sensor Technologies for REmote Aquatic Monitoring is an Ireland Wales Interreg funded project which will deliver an advanced marine monitoring network of systems to monitor harmful algal blooms. STREAM is a €5.5M project which will run for four and a half years, financially it is Halpin's largest project to date. (Project Manager: Paul Shanahan)



KEY EVENTS THIS QUARTER

January 2019: SEDNA; Safe Arctic Navigation mid-term review with European Commission. Brussels.

22-23rd Jan 2019: Learning Development Research.

Halpin hosted a two day trans-national event for OnBoard [ERASMUS+]

Feb 2019: ARCSAR: High profile launch of the ARCSAR network hosted by E-GEOS, an Italian

space technology company in Rome.

February 5th: INS Design thinking Workshop held at NMCI to discuss future Navy inspired research challenges

March 2019: Launch of STREAM delivery phase at Swansea University

NEXT WAVE... 2019

Irish Naval Service (INS) Ideation Workshop

Men and women from the INS undertook a highly interactive one day collaborative research 'Ideation' session to explore future research opportunities with research groups from Halpin, Nimbus, MaREI and the broader research community. This was a very productive event facilitated collaboratively between Halpin, INS & MaREI and will help inform our research agenda. Further events will follow in 2019.

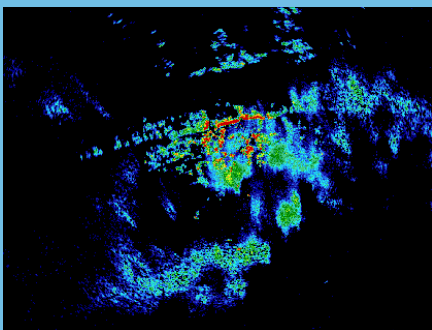
Ocean Plastic



Kicking off in May of this year is an exciting project in which Halpin is a partner. Funded by the Interreg Atlantic Area programme, CIRCULAR SEAS will tackle the growing need to collect, recycle and re-purpose ocean plastic waste.

Weather Monitoring

Weather monitoring work is being carried out at HALPIN to develop and enhance RADAR technology to detect and monitor coastal Irish / UK weather. This will be an interesting climate monitoring element to the STREAM project



LEARNING DEVELOPMENT

OnBoard, an  ERASMUS + funded project focusing on apprenticeship training within the port and logistics sector.



(Project Manager: Maria Looney) *Onboard Consortium meeting at NMCI; Jan 22&23*

SKILLSEA : ERASMUS + 4-year project



This project aims to improve co-operation between education providers, competent authorities and industry across Europe to guarantee a high-quality maritime education in Europe. This will create a Europe-wide level playing field for seafarer training standards.

(Project Manager: Maria Looney)

AT VIRTUAL



AT-VIRTUAL will improve the operability and performance of Maritime Safety Training Centres (MSTC) in the Atlantic Area (AA), by enabling businesses to develop emerging technology-based solutions for MSTCs needs in the field of simulation-based training systems for maritime security operations (Project Manager: Maria Looney)

AT Virtual Kickoff meeting 9 & 10th April, Gijon, Spain

UPCOMING EVENTS

April 4th 2019: FARNET Smart Coastal Area Conference. Maria Looney will present the EMFF funded ENTROPI project (Enabling Technologies & Roadmaps for Offshore Platform Innovation).

Consultation Workshop hosted by the Department of Foreign Affairs & Trade & the Marine Institute on Arctic Related Research in Ireland: 9th April, Dublin. Halpin Arctic researchers Maria Looney, Paul Shanahan & Rob Lynch will

attend an event hosted by the Department & the Marine Institute to build capacity in Arctic-related research in Ireland.

ISO 9001:2015 27&28 May

Quality Management System audit. Halpin has been putting tremendous time & effort into preparation. We hope for a positive outcome.

May 29th & 30th 2019: Kick off of **CIRCULAR SEAS** at Markina-Xemein, Spain.