



Overview of Horizon 2020 and Supports



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Northern Ireland SC5 Contact Point

Introduction

- Overview of Horizon 2020
- Societal Challenges
- How are Multiannual Work Programmes developed?
- Who can apply? How to apply?
- Finding Partners and raising your profile
- Becoming an expert evaluator
- Support available in NI (and ROI)
- NI Target and Success to date
- Links to further Info

What is Horizon 2020?



- EC's latest 7 year programme for Research and Innovation successor to the FP7 programme
- The biggest EU research programme ever with a budget of approx. €78 billion of funding available over 7 years (2014-2020)
- Aims to ensure Europe produces **world class science and technology** that drives economic growth
- Coupling research to innovation – from research to retail, all forms of innovation
- A competitive fund with no national allocations
- Simplified access to EU funding for all types of organisations:
 - **companies, universities, charities, public bodies and institutes in all EU countries and beyond**

Horizon 2020 – Focus and Key Features

- Greater focus on:
 - Societal challenges facing EU society e.g. health, clean energy, transport, etc.
 - SME's
 - the impacts & outcomes of research compared to FP7
- Dealing with **Climate Change** a cross cutting priority in Horizon 2020 accounts for 35% of the overall budget across the programme.
- At least 60% of overall budget should be related to **Sustainable Development**
- Generous funding rates of up to 125%
 - Up to 100% of the value of the project and an additional 25% to cover directly linked business overheads
- Horizon 2020 will not fund:
 - Community projects, or community groups, to carry out solely localised activities
 - Employment creation schemes
 - Small scale individual projects

Horizon 2020 - Three Pillars

When launched in December 2013, the EC released a number of Work Programmes covering 2014 / 2015 under the three main pillars as follows:

- **Excellent Science**

Horizon 2020 will boost the EU's position as a world leader in science, attracting the best brains and helping our scientists collaborate and share ideas across Europe.

- **Industrial Leadership**

To be best at what it does, Europe needs to invest in promising and strategic technologies and encourage businesses to invest more in research and innovation.

- **Better Society**

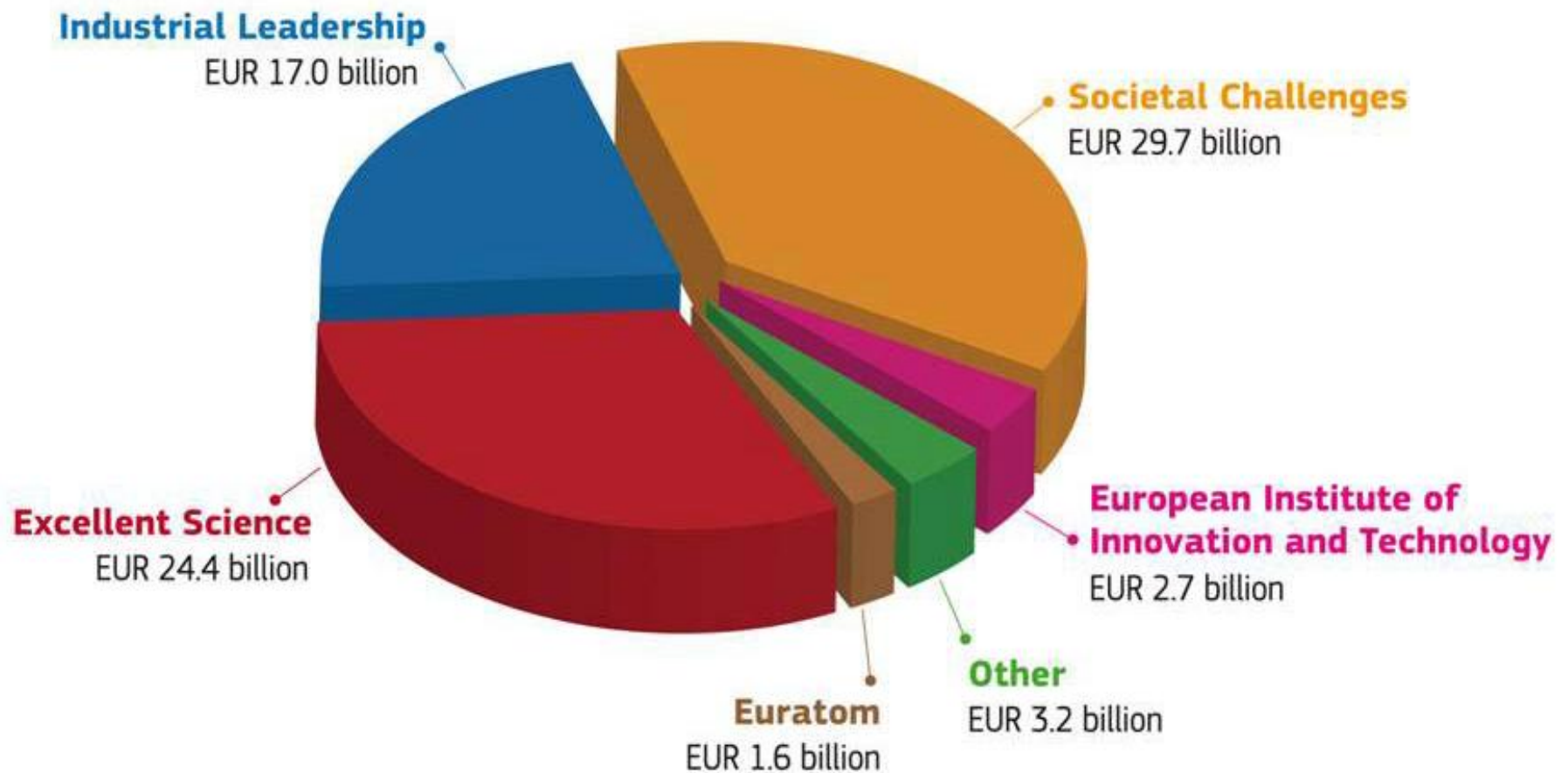
The EU has identified seven priority challenges where targeted investment in research and innovation can have a real impact on benefitting the citizen.

In addition the Programme focuses on

- **Cross-cutting Challenges**

Horizon 2020 Budget

(EUR 78.6 Billion, current prices)



Societal Challenges

The EU has identified **seven priority challenges** where targeted investment in research and innovation can have a real impact

	Societal Challenge	Amount
SC1	Health, demographic change and wellbeing	€7.47 Billion
SC2	Food security, sustainable agriculture & forestry, marine and maritime and inland water research and the bio economy	€3.85 Billion
SC3	Secure, clean and efficient energy	€5.93 Billion
SC4	Smart, green and integrated transport	€6.34 Billion
SC5	Climate action, environment, resource efficiency and raw materials	€3.08 Billion
SC6	Europe in a changing world - inclusive, innovative and reflective societies	€1.31 Billion
SC7	Secure societies – protecting freedom and security of Europe and its citizen	€1.69 Billion ₇

How are Multiannual Work Programmes developed?

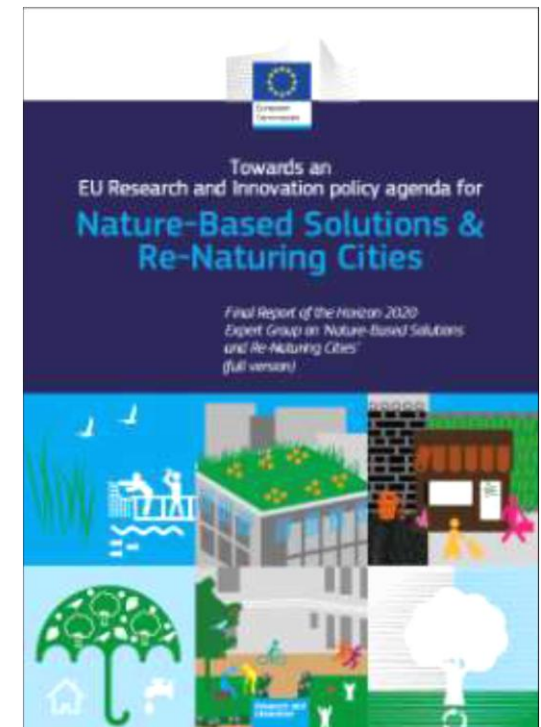
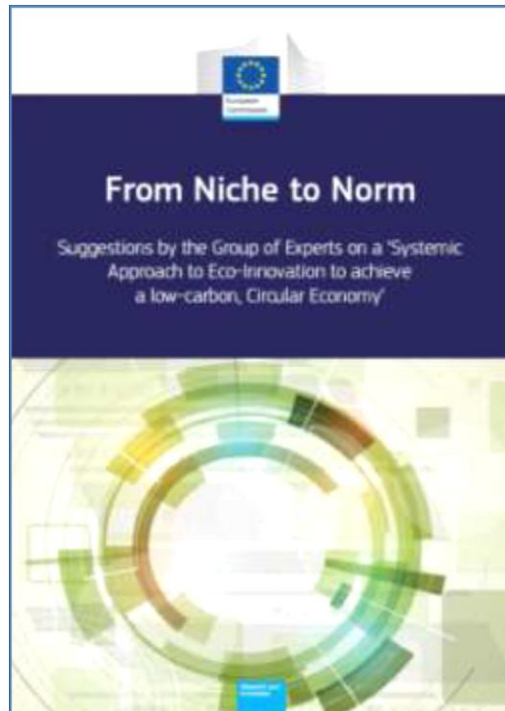
- **H2020 Framework**

- Provided by H2020 legislation & a strategic programming process integrating EU policy objectives in the priority setting

- **Consultation (2 year+) :**

- Open & targeted public consultations
 - Enterprise Policy Group, European Innovation Partnerships (EIP) and European Technology Platforms
- 19 Horizon 2020 Advisory Groups
 - Stakeholders from industry, research and civil society
- Expert Group Reports
- National Contact Point feedback

Expert Group Reports



European Innovation Partnerships

EIPs are challenge-driven, focusing on societal benefits and a rapid modernisation of the associated sectors and markets.

http://ec.europa.eu/research/innovation-union/index_en.cfm?pg=eip




Joint Programming Initiatives



Who may apply?

- Horizon 2020 is open to everyone with only one set of simplified rules and procedures to follow.
- **For Standard Research Projects:**
 - A consortium of at least three legal entities
 - Each entity must be established in an EU Member State or an associated country.
- **For other Programmes:**
 - European Research Council (ERC), SME Instrument, co-funding of national or public sector calls or programmes, coordination and support, training and mobility,
 - Minimum condition for participation is one legal entity established in a Member State or in an Associated Country
- Other conditions may apply – check work programme for further details.
- For a list of Associated Countries see <http://bit.ly/H2020AC>

Participant Portal



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Opportunities

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT

LOGIN REGISTER

Horizon 2020

Search Topics

Calls

Call Updates

Other EU Programmes 2014-2020

Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

FP7 & CIP Programmes 2007-2013

Calls

Call Updates

Other Funding Opportunities

Waste: A resource to recycle, reuse and recover raw materials

H2020-WASTE-2015-two-stage Sub call of: [H2020-WASTE-2014-2015](#)

Planned Opening Date	10-12-2014	Deadline Date	21-04-2015 17:00:00 (Brussels local time)
Publication date	11-12-2013	Stage 2	08-09-2015 17:00:00 (Brussels local time)
Total Call Budget	€54,000,000	Main Pillar	Societal Challenges
Status	Forthcoming	OJ reference	OJ C 361 of 11.12.2013

Topic: Ensuring sustainable use of agricultural waste, co-products and by-products **WASTE-7-2015**

Topic Description Topic Conditions & Documents Submission Service

Specific challenge: Agriculture generates co-products, by-products and waste streams that are currently not properly taken care of both in environmental and economic terms.

In plant production (e.g. from arable, horticulture, fruit, wine, grassland sectors and agro-forestry systems), losses take place at the farm and post-harvest levels and also down the chain at the level of the retail sector. Co-products or by-products are generated, for instance in the wine sector, which require sustainable use. Straw has been given significant attention in the last years as biomass feedstock and potential trade-offs with its relevance for soil improvement need to be considered.

In livestock production, manure, litter and other effluents management are a challenge, in particular in industrial production

Finding partners and raising your profile

- Make the most of established networks you are involved in and people you have worked with before
- Attend workshops, EU Information days and brokerage events
- Review partners searches on EU and National online forums
 - EU Cordis, LINKEDIN, EPA Online Catalogue, InterTrade Ireland and NCP CaRE
 - Alternatively Sign up on for the DAERA EU Funding team or EPA mailing list
- Write a 1-2 page summary of interests, project areas and calls you would like to get involved with and post on sites
- Get involved with key EU platforms
- Success breeds success – look on Commissions' H2020 site to see who and what type of projects have been funded in the past
 - Check out the EPA Mapping studies at back of hall

Becoming an expert evaluator



News

The [3rd Health Programme](#) and the [Consumer Programme](#), managed by the Consumer, Health and Food Executive Agency (CHAFAEA), and the [Research Fund for Coal and Steel \(RFCS\)](#) are now using the [European Commission's experts database](#) to select experts for assignments including the evaluation of proposals and monitoring of projects. If you are already registered as an expert and wish to also indicate your interest in these programmes, please [update your profile](#) by ticking "RFCS (Research Fund for Coal and Steel)" and/or "Third Health Programme (managed by Chafea)" ('Programme Selection' section). New experts registering can indicate their interest in working for any of the programmes listed in the 'Programme Selection' section.

Quick Links

- [Experts standard briefing slides](#)
- [FAQ for Experts](#)



Experts

[H2020 ONLINE MANUAL](#)

Join the database of independent experts for European research and innovation.

The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

New experts

Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields of research and innovation ([see call](#) for details on types of expertise).
- can be available for occasional, short-term assignments

[REGISTER AS EXPERT](#)



What do expert assignments involve?

Experts, as peer reviewers, assist in the:

- **evaluation** of proposals
- **monitoring** of actions

In addition, experts assist in the :

- **preparation, implementation or evaluation of programmes and design of policies.** This includes the Horizon 2020 Advisory Groups.

Assignments mainly concern research and innovation, falling within the Horizon 2020 programme designed to address the challenges Europe is facing through funding excellent science, technology and innovation.

Take a look at the most recently [funded projects](#).

Business innovation coaches support SMEs funded via the SME instrument. An expression of interest for experts willing to become Business Innovation Coach for the SME instrument is available [on the EASME website](#). Candidate coaches will also be asked to provide more detailed information on their competence and experience [here](#).

In order to access the expert registration form, you are first asked to login with a valid Participant Portal (ECAS)

Support available from the NI Contact Point Network

- Established in 2013 the Horizon 2020 NICP network is a resource available to all potential NI applicants free of charge
- Coordinated by DETI there are now 12 NI based NICP'S and 2 Brussels based
- Type of support available from NI Contact Point Officers:
 - **Thematic expertise** on relevant calls and advice on project ideas
 - Assistance with the **application process**
 - **Dissemination** of relevant information through events and one to one meetings
 - Proactively seek relevant opportunities for academics & business to **collaborate**
 - Help to find potential **partners**, within the same sector or, through the network in complementary areas
 - Provide **links** to UK and Irish National Contact Points (NCPs)



Who are the NI Contact Points?



Ciaran Prunty - NICP Engineering -
c.prunty@qub.ac.uk



Dominic McLarnon - NICP Energy -
D.Mclarnon@ulster.ac.uk



Dr Shirley Davey - NICP Connected Health - s.davey@ulster.ac.uk



Patricia McCrory - NICP Health -
p.mccrory@qub.ac.uk



Dr Inmaculada Higuera - NICP Arts, Humanities and Social Sciences (AHSS) -
i.higuera@qub.ac.uk



•Dr Elaine Groom - NICP Agri-Food -
elaine.groom@afbini.gov.uk



•Caroline Barry - NICP Environment – caroline.barry@doeni.gov.uk



•Dr Joanne Coyle - UK National Contact Point (NCP) for SMEs and NICP for SMEs -
joanne.coyle@investni.com



•Paul Matthews – NICP for SMEs -
paul.matthews@investni.com

Paula O'Neill - NICP Justice -
paula.oneill@dojni.x.gsi.gov.uk

Who are the NI Contact Points?



Neill Wallace – NICP Manager -
neill.wallace@detini.gov.uk



Carrie Small - EU Programmes
Manager at InterTradeIreland -
carrie.small@intertradeireland.com

Brussels based NICP network members



•Farha Brahmi - EU R&D
Executive -
tpfarha.brahmi@investni.com

www.h2020ni.com web site

HORIZON 2020^{NI}
SCIENCE | INDUSTRY | SOCIETY

Supporting Northern Ireland's participation in Horizon 2020

What can Horizon 2020 do for Northern Ireland?

PLAY VIDEO

What is Horizon 2020?

New To EU Funding?

Step by Step Guide

Small to Medium Sized Enterprises

Financial Support

Help and Advice

Support Contacts
Just give us a call

What is Horizon 2020?

Watch this short film to discover exactly what Horizon 2020 is all about

The Three Themes of Horizon

1

Northern Ireland & Republic of Ireland Collaboration



See our work to connect partners and develop support networks North and South

H2020 Online Manual

Horizon 2020^{NI}

SCIENCE | INDUSTRY | SOCIETY

Supporting Northern Ireland's participation in Horizon 2020



Step by Step Guide

Step by Step Guide

If you need help with the application process, take a look at the [H2020 Online Manual](#) which offers a step-by-step guide to submitting and managing your research proposal, including:

- an overview of all steps you need to know for the electronic management of proposals or grants;
- easy navigation by process steps;
- a brief descriptions on how to complete your tasks.

Links and references to:

- Guidance notes, templates
- User manuals of the relevant tools
- Frequently asked questions

Additional Guidance:

Alternatively just [Access the Northern Ireland Horizon 2020 Contact Point Interactive Guide](#)

Or perhaps you'd just like to **talk to one of our expert NI Contact Points (NICPs)** – they'll be able to give you free, confidential advice.

Confused by some of the EU jargon, then see a quick-reference [glossary](#) listing relevant acronyms and abbreviations.

Any other questions? Visit the [FAQs page](#) for answers.

Support Contacts

Just give us a call

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[New To EU Funding?](#)

[Step by Step Guide](#)

[Small to Medium Sized](#)



[H2020 Online Manual](#)

[My Area - User account & roles](#)



RESEARCH & INNOVATION

Participant Portal H2020 Online Manual

H2020 Online Manual

- My Area - User account & roles
 - Login with ECAS
 - Roles & access rights
 - Terms and Conditions of Use
- Grants
 - Applying for funding
 - Find a call
 - Horizon 2020 structure and budget
 - What you need to know about Horizon 2020 calls
 - Find partners or apply as individual
 - Register in the Beneficiary Register
 - Registration of your organisation
 - LEAR appointment

My Area - User account & roles

Grants

Applying for funding

Find a call Find partners Register an organisation Submit a proposal

Evaluation & Grant signature

Eligibility check Evaluation of proposals Grant preparation Grant signature

Grant management

Keeping records Amendments Reports & payment requests Deliverables

Dissemination & exploitation Communication Checks, audits, reviews & investigations

Financial support available for NI applicants

INVESTNI

•Project Definition Grants – Up to £15k

- Available to researchers and companies in NI with a clear project idea who are committed to the preparation of Horizon 2020 or other collaborative project applications.
- Eligible costs can include; internal labour costs; flights and accommodation for meeting with EU partners; consultancy support for proposal writing/review and IP support.
- Contact Paul Matthews on 02890 698837 or paul.matthews@investni.com for further information.

•Cross-Border Innovation Vouchers

- Both **Invest NI & Enterprise Ireland Innovation Voucher Schemes** are open to Horizon 2020 participants from industry to explore potential partnerships with Knowledge Providers based in their own jurisdiction or in the opposite jurisdiction.
- A voucher is worth **£4000 or €5000**.
- Potential NI partners should contact Paul Matthews

Support available from InterTrade Ireland

- Horizon 2020 Guides
- Horizon 2020 Smart Phone App
- EU Travel Scheme
 - Supports established North South partnerships to travel off the island
 - **Up to £350/€455 (per event)** awarded to each partner to attend Consortium Meetings, European Commission Information Days and Brokerage Events
 - Only one partner is required to travel to any event
- Cross – Border Innovation Vouchers
 - **Up to £500/€650 per applicant** and valid for up to 6 months
 - Covers travel and accommodation costs incurred when meeting a partner in the opposite jurisdiction
- North South Competitive Partnerships Programme for Horizon 2020
 - Review service provided by INI of past N/S applications which didn't receive funding



DAERA support available

- NICPs for SC5 and SC2, EU Funding Team and Brussels based Liaison Officer
 - Small team (2) based in DAERA Environmental Policy Division, one in AFBI and 2 in Brussels
 - Strong links with ROI, UK and key EU Networks
 - Support available:
 - the provision of advice and information,
 - reviewing applications,
 - developing contact networks,
 - providing letters of support,
 - circulation of funding calls and partners searches.



Department of the
Environment
www.doeni.gov.uk

NI Target and Success to date

- NI Target to draw down **€145m** over the life of the programme
- NI Target to increase successful NI/ROI participation and secure €175m
- For calls up to November 2015 (*snap shot of preliminary main listed figures*):
 - **€28.6m secured** from 76 successful participations involving 67 separate project proposals
 - 712 eligible NI participants submitted **627 applications** – similar to FP7
 - **23** with NI project coordinators
 - €28.6m in funding over 76 projects – NI average **£376k per project**
 - Successful applications – **Universities (65.8%), Private sector (13.2 %), Public Bodies (13.2%) and Research Organisations (5.3%)**
 - SME's accounted for 13.2% of successful applications and 17.1% of total NI value
 - **10.67% success rate for NI** (UK 14.41%)
 - JULY 15 - Over **47% (€7.3m)** of NI success involved **NI/ROI collaborations** – average drawdown per project €440k (25% more than NI average)
- Following recent success NI participants total funding secured now **€52.1m**
 - €28.6m from main listed projects and €23.5m from IMI success achieved by QUB

Upcoming events for H2020 SC5



**enterprise
europe
network**

Business Support on Your Doorstep

**International Circular Economy,
Resource Efficiency and Eco-innovation**
PRESENTATION & BROKERAGE EVENT

22 June 2016 | Liverpool, UK



INFORMATION DAY **HORIZON 2020**

**14
SEPTEMBER
2016**

**Climate Action, Environment,
Resource Efficiency & Raw Materials**

Get ready for 2017 Calls for Proposals.

 <http://europa.eu/!gd34Bp>

 **#H2020SC5**

 Join 'Environment projects
& partner search - EASME'

Links to further info

Source of Information	Link
European Commission Horizon 2020	http://ec.europa.eu/programmes/horizon2020/ http://ec.europa.eu/research/participants/portal/desktop/en/home.html http://ec.europa.eu/programmes/horizon2020/find-your-area http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-climate_en.pdf
Horizon 2020 NI Contact Point Network	http://www.detini.gov.uk/deti-eco-dev-index/deti-eco-dev-ni-horizon-2020.htm and www.h2020ni.com
InterTradeIreland	http://www.intertradeireland.com/horizon2020/ http://www.intertradeireland.com/media/g17/pdfs/H2020Guide.pdf http://www.intertradeireland.com/horizon2020/h2020_app
DOE EU Funding Team	http://www.doeni.gov.uk/index/protect_the_environment/climate_change/barroso_task_force_working_group.htm
Horizon 2020 Ireland	http://www.horizon2020.ie/ and http://erc.epa.ie/h2020catalogue/

Thank you for listening



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