

# INFORMATIVE BULLETIN



CENTRO DE DOCUMENTACIÓN EUROPEA DE ALMERÍA



SEPTEMBER 2019

I + I IN THE EUROPEAN UNION N° 8



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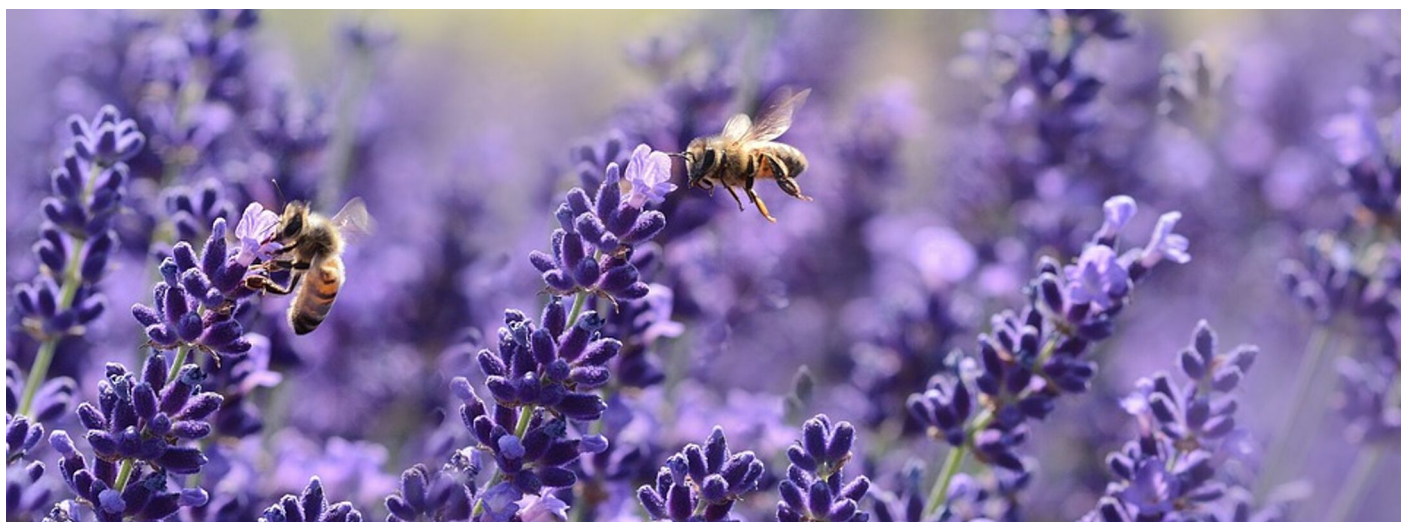
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"PEACE AND  
UNITY DEPENDS  
ON EVERYONE"



# THE EUROPEAN COMMISSION INCREASES SUPPORT FOR THE EU BEEKEEPING SECTOR



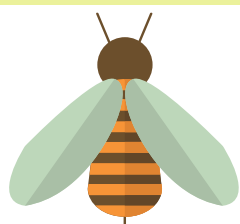
In 2018, the EU had over 17.5 million hives divided over 600,000 beekeepers. Beekeeping is practiced in all EU Member States and the European Union is the world's second largest honey producer. Honeybee colonies are essential for agriculture and environment, ensuring plant reproduction by pollination, while beekeeping participates to the development of rural areas.

The European Commission will provide €120 million to the EU's beekeeping sector over the next three years to support its essential role in agriculture and the environment. This represents an increase of €12 million compared to the support provided for the period from 2017 to 2019.

EU Commissioner for Agriculture Phil Hogan said: "Beekeeping is an important part of the EU agri-food sector, helping to keep jobs in our rural areas. Bees are also vitally important for the sustainability of our agriculture and for healthy ecosystems. Therefore it is to be welcomed that the Common Agricultural Policy, working in synergy with other key European and national funds, is now providing stronger tools to support the sector." The EU support, doubled by contributions from Member States, will apply to national apiculture programmes starting on 1 August 2019 and running until 31 July 2022. These programmes are designed at national level in cooperation with the sector with the aim to improve the conditions for the apiculture sector and the marketing of their products. Measures include for example education to beekeepers, support to start a beekeeping business, fighting against parasites damaging hives, and research or measures on improving honey quality.

### RELATED DOCUMENT

Health  
of honey bees and beekeeping sector



[ACCESS TO COMPLETE NEWS](#)





# PROJECT VICINAQUA: MAKING FISH FARMING IN EASTERN AFRICA'S LAKE VICTORIA SUSTAINABLE



EU-funded researchers have developed a system that helps fish farmers in Lake Victoria while also protecting the environment.

Overfishing, water shortages and pollution – these are just some of the environmental problems Lake Victoria has been facing over the last few decades. Bordered by Kenya, Tanzania and Uganda, the world's second largest freshwater lake provides the main source of income for the populations living around the Lake Victoria basin. However, the environmental pressures put on the lake have seriously compromised fish farmers' livelihoods.

The EU-funded VicInAqua project developed a model for more environmentally friendly, sustainable aquaculture that helps fish farmers maintain their livelihoods. Their model was based on recirculating aquaculture systems (RASs), a technology for farming fish that minimises pollution while also securing a higher and more stable fish production with fewer diseases.

As part of the project, a pilot RAS hatchery running mainly on renewable energy was constructed in Kisumu, Kenya, in early 2019. The facility was developed for hatching tilapia, a freshwater fish that has been very important in traditional, small-scale fishing in Africa and, more recently, in aquaculture. The hatchery had a twofold purpose: it served as a demonstration and training facility, and provided fish farmers with high-quality fingerlings (juvenile fish that have developed scales and working fins). The first fingerlings were distributed to farmers in April.

VicInAqua (Integrated aquaculture based on sustainable water recirculating system for the Victoria Lake Basin (VicInAqua)) concluded in May 2019. However, the pilot hatchery will continue to be used by DALF, Kisumu County, as a training and demonstration facility to boost aquaculture in the region and increase awareness, knowledge and skills among fish farmers.



[ACCESS TO COMPLETE NEWS](#)





## STILL NO CURE FOR XYLELLA PLAGUE CONTROL MEASURES CRUCIAL



*Xylella fastidiosa* is one of the most dangerous plant bacteria in the world. It causes a wide range of diseases, with a huge economic impact on agriculture, gardens and the environment. The four most commonly reported subspecies are *fastidiosa*, *pauca*, *multiplex* and *sandyi*.

EFSA has updated its assessment of the risks posed by *Xylella fastidiosa* to plants and crops in the European Union. The new assessment provides new insights and conclusions on controlling existing outbreaks of this pest and preventing further spread in the EU.

The EFSA Technical Phytosanitary Commission used computer models to simulate how *X. fastidiosa* spreads over short and long distances under different conditions. The modeling showed the importance of applying control measures, such as those specified by the European Commission, to prevent further spread and even eradicate outbreaks.

In addition, the relative effectiveness of using buffer zones of different sizes to control an infected area was illustrated. The simulations also demonstrated the importance of controlling the insects known to transmit the pathogen in Europe - such as the *Philaenus spumarius* - and of minimizing the delay between the detection and the application of control measures such as the elimination of infected plants and the establishment of demarcated areas.

The evaluation confirms that it is not yet known how to eliminate bacteria from a diseased plant in field conditions. The effectiveness of chemical and biological control measures has been evaluated in recent experiments.

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**RELATED DOCUMENT**

**Effectiveness of plant control measures for *Xylella fastidiosa***

**C-443/18 - Commission v Italy (Bactérie *Xylella fastidiosa*)**





# INVESTIGATING THE LINK BETWEEN FOOD AND DEPRESSION



It is thought that people with obesity have an increased risk of developing depressive symptoms and depression. MoodFOOD conducted the first trial to directly test the impact of a food-related behavioural therapy alongside a multi-nutrient supplement on the prevention of depression.

According to a recent Eurostat study, obesity rates for the 19 European Member States for which data was available range from 8.0 % - 23.9 % for women and 7.6 % - 24.7 % in men (Eurostat 2011). Alongside this, the WHO has calculated that each year about 7 % of the European population suffers from a major depression - making it one of the most prevalent disorders in the EU. This places a heavy burden on individuals, families and society as a whole.

MoodFOOD looked at the links between the two disorders to ask whether improving food-related behaviour and nutrient intake could help prevent depression, specifically for people prone to being overweight.

Based on a large number of studies and careful analysis, the researchers came to three conclusions:

- A healthy diet - high in fruit, vegetables, whole grains, fish, pulses and olive oil, and low in red meat and full-fat dairy products - may reduce the risk of developing depression.
- In people with obesity, weight loss can lead to a reduction in depressive symptoms.
- Current evidence does not support the use of nutritional supplements in order to prevent depression.

ACCESS TO NEWS:



# EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY: THE COMMISSION PROPOSES A STRATEGY FOR 2021-2027



The European Commission has proposed an update of the legal base of the European Institute of Innovation and Technology (EIT) as well as its new Strategic Innovation Agenda for 2021-2027.

The EIT is an independent EU body created in 2008 that is strengthening Europe's ability to innovate. The proposals adopted today will align the EIT with the EU's next research and innovation programme Horizon Europe (2021-2027) delivering on the Commission's commitment to further boost Europe's innovation potential.

The Strategic Innovation Agenda proposed for 2021-2027 is designed to achieve the following goals:

- Increasing the regional impact of Knowledge and Innovation Communities
- Boosting the innovation capacity of higher education
- Launch of new KICs

The revised EIT Regulation ensures greater legal clarity and alignment with the EU Framework Programme for Research and Innovation. The new legal base also introduces a lean and simplified funding model for the EIT designed to more effectively encourage additional private and public investment. Finally, it reinforces the EIT's governing structure.

The European Institute of Innovation and Technology was established in 2008 by Regulation (EC) No 294/2008 amended by Regulation (EC) No 1292/2013 and is based in Budapest. Its purpose is to address major societal challenges by improving the innovation capacity and performance of the EU through the integration of the knowledge triangle of education, research and innovation..

ACCESS TO NEWS:



**European Institute of Innovation and Technology  
(EIT)**





# SAGE PROJECT: HOW TO IMPROVE FEMALE PARTICIPATION IN RESEARCH



An EU initiative has published a letter with the aim of increasing female participation in research and promoting gender equality, that women are not sufficiently represented in decision-making positions in political, business and research institutions. It is something well known and according to a news item published by Eurostat, in 2017, of the nearly 18 million scientists and engineers in the EU, only 41% were women.

The difference in pay between women and men is another problem for them, who on average earn 16% less than men across the EU. In addition, harassment and gender violence are widespread. Universities can play an important role in addressing imbalances between men and women, and increasing equality. The SAGE project, financed with European funds, addresses exactly this issue in its search for stronger measures on gender equality in higher education and research.

Increasing the participation of women in research, and promoting gender equality, is vital in strengthening the competitiveness of European research.

With the participation of seven universities in Europe, SAGE has created a model to improve gender parity in research organizations. As explained in a press release from Trinity College in Dublin, in the framework of the project, a letter was recently published that aims to promote gender equality in the higher education sector. Signed by Trinity College in Dublin, the letter is going through other European universities. Among other objectives, it promotes the improvement of gender parity at all levels of the academic field, in addition to the balance between working life and private life, and the eradication of school and sexual harassment.

ACCESS TO NEWS:



# THE EU INVESTS 50 MILLION EUROS TO CREATE A NETWORK OF CENTRES OF EXCELLENCE IN ARTIFICIAL INTELLIGENCE



The European Commission has launched a new call for proposals to develop a European network of centers of excellence in artificial intelligence with the aim of improving cooperation within the European Artificial Intelligence (AI) research community and promoting technological advances in the field of the IA. Through this call, which is part of the Horizon 2020 2018-2020 Work Program, the most rigorous research teams in Europe are encouraged to join forces to face the main scientific and technological challenges, which makes it difficult to deploy solutions based on AI. The first part aims to bring together leading researchers in European networks of centers of excellence that will work on key AI issues. Each network of researchers will choose an important scientific or technological challenge with industrial relevance to work.

The second part aims to promote coordination and exchange between the selected projects and other relevant initiatives. Priority is given to the development of doctoral programs, the integration of AI into curricula (even in non-digital courses) and the organization of practices.

In addition, greater cooperation with the industry is expected to foster an ecosystem of research and development resources, as well as experience and infrastructure in areas such as supercomputing, robotics equipment and the Internet of things.



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## INTEGRIDY PROJECT: SMART SOLUTIONS FOR ENERGY EFFICIENT BUILDINGS OF THE FUTURE



Climate change is causing Europe to transform its energy sector. In the coming decades, as we move from an economy based on fossil fuels to another without carbon emissions, we will increasingly use renewable energy and the electricity we will generate will not come from a power plant.

The Spanish project financed with European funds inteGRID and has launched ten pilot systems in eight European countries. It started in 2017 and focuses on responding to the demand for electricity by improving the operation of the distribution network, energy storage and intelligent integration of electric vehicles.

The results of one of the pilot activities carried out on the Isle of Wight in England offer more information on energy consumption and its impact on the environment. The objective was to verify whether a reduction in demand and energy consumption would affect the loads of industrial and commercial buildings on the island. For this, the Heights Leisure Center was chosen as a pilot building.

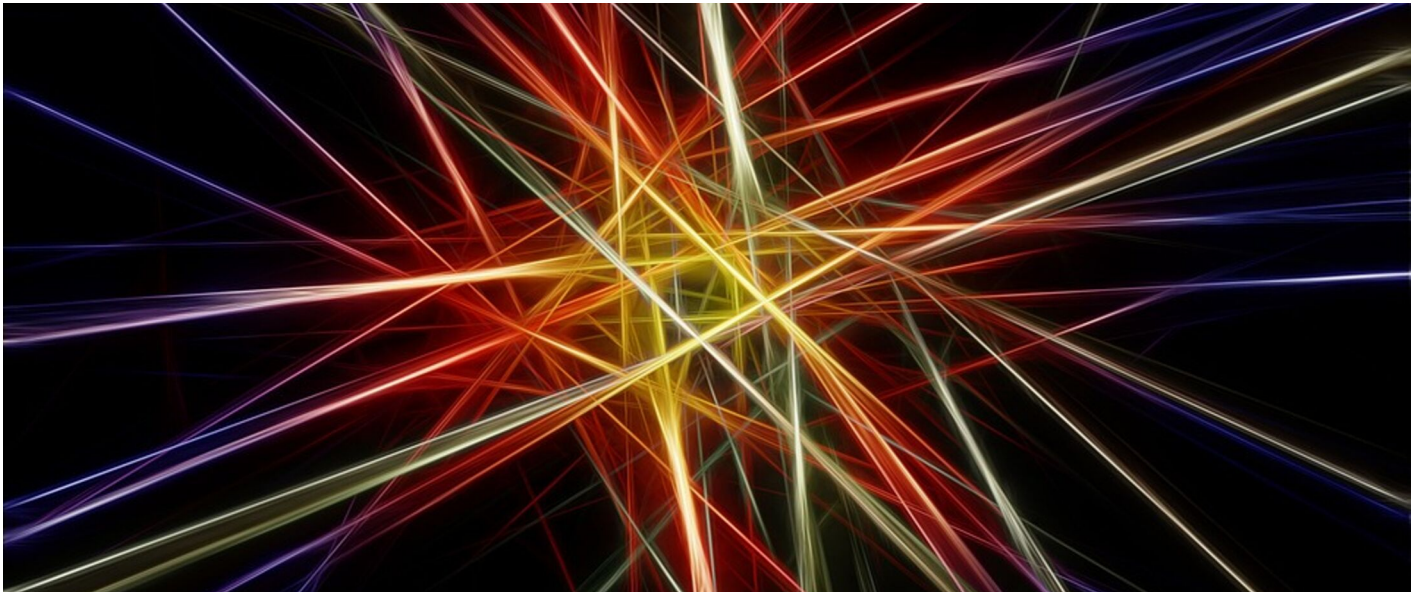
Another of the pilot activities, in this case in Thessaloniki (Greece), is focusing on better integrating new energy technologies and a smarter collaboration between them and the existing power grid.

The inteGRIDy (integrated Smart GRID Cross-Functional Solutions for Optimized Synergetic Energy Distribution, Utilization Storage Technologies) project will conclude in December 2020. Until then, it will continue to strive to optimize the operation of power grids, promote coordination of distributed energy resources and facilitate the establishment of collaborative storage systems for renewable energy.

ACCESS TO NEWS:



# EUROPEAN TECHNOLOGY ALLOWS A FAST AND SECURE TRANSFER OF DATA FROM SPACE TO EARTH



The European External Action Service and the European Commission organized last July a live demonstration of the European Data Relay System (EDRS), also known as 'Space Data Highway'.

The system is the world's first laser link in the sky, based on cutting-edge European laser technology. It allows to transfer a large volume of data, in particular images, from satellites in space to Earth almost in real time.

The system is a public-private partnership between the European Space Agency (ESA) and Airbus, with an allocation of 90 million euros of EU funds from the Copernicus Earth Observation program and ESA in the period 2015-2020. Thank you to the system, Copernicus images will be available up to 7 times faster than today. Copernicus, a leading provider of Earth observation data worldwide, offers high-quality environmental monitoring, helps save lives and manages emergencies, supporting maritime and border security.

These new services will help Copernicus increase the capacity and timeliness of data download and greatly improve its value for a large number of applications in critical time. The live demonstration was held simultaneously at the EEAS headquarters in Brussels, the European Maritime Safety Agency in Lisbon and the EU Delegation in Tokyo

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## DROUGHT IN EUROPE: MORE SUPPORT FOR EUROPEAN FARMERS



The European Commission has offered support to farmers in the face of drought waves that have plagued Europe. First, farmers will be able to receive a higher percentage of their direct and rural development payments in advance. Second, in order to feed their animals, they will be given greater flexibility to use land that would not normally be used for production.

In addition to the support available under the Common Agricultural Policy (CAP), two decisions have been made to help farmers:

- Farmers may receive higher prepayments. Until mid-October, up to 70% of your direct payments and 85% of rural development payments will be available to improve your cash flow situation.
- Exceptions to certain "greening" requirements will be allowed. These exceptions will apply to crop diversification standards and areas of ecological focus on fallow land.

The adoption of other types of "greening" repeal is also being considered in order to give farmers greater flexibility to produce fodder.

In addition to continuously assessing and analyzing the drought situation and its impact thanks to European satellites, the Commission is in contact with all Member States to receive updated information on the impact of drought on farmers at the local level.

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NEWS:



## BALTIC SEA: IMPROVED LONG-TERM SUSTAINABILITY OF STOCKS



The European Commission has adopted a proposal for fishing opportunities by 2020 for commercially important fish stocks in the Baltic Sea: Based on the latest scientific advice available, the Commission proposes to increase fishing opportunities for herring in the Gulf of Riga and maintain the same levels for salmon in the Gulf of Finland. For the remaining stocks covered by the proposal, the Commission proposes to reduce fishing opportunities.

The total allowable catches (TAC) proposed are based on the scientific advice of the International Council for the Exploration of the Seas and follow the multi-annual Baltic management plan adopted in 2016 by the European Parliament and the Council. Fishermen's efforts, industry and public authorities have managed, in recent years, to rebuild important populations in the Baltic Sea.

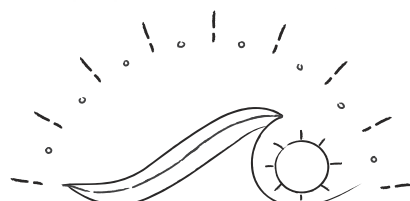
However, scientists have discovered that the situation was less stable than previously estimated.

Therefore, decisive action is needed to rebuild all stocks and ensure that they grow or remain at sustainable levels, in line with the RMS. The Council will now examine the Commission's proposal, in order to adopt it during a ministerial meeting of the October 14 to 15.

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[International Council for the Exploration of the Sea \(ICES\)](#)





# PILOT PROJECTS AND PREPARATORY ACTIONS: SATELLITE BROADBAND INTERNET ACCESS FOR EDUCATIONAL MULTIMEDIA CONTENTS TO UNCONNECTED SCHOOLS



The general objective of the pilot project is to contribute to assessing the benefits of a broadband connectivity via satellite in areas impacted by digital divide with the support of regional or national public authorities, as a precursor of the even larger benefits that the European Gigabit Society will later make largely available.

Dead line: 5 November 2019

FOR MORE INFORMATION:

[WEB SITE](#)



## H2020: 5G FOR CONNECTED AND AUTOMATED MOBILITY



This call (ICT-53-2020), whose objective is to qualify and characterize the latest version of 5G available in the context of its implementation in the context of complete ecosystems enabled for connectivity around cars and vehicles, is part of the sub-Information and Communication Technologies program, of the H2020 Program.

The challenge is to qualify and characterize the latest version of the 5G specifications available in the context of the implementation of advanced use cases in Europe of Connected and Automated Mobility (MCA) that can also benefit from Artificial Intelligence (AI) solutions.

Deadline: 13 November 2019

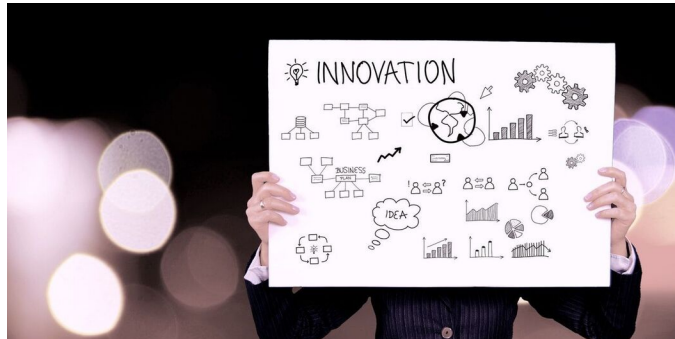
FOR MORE INFORMATION:

[WEB SITE](#)



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## H2020: FAST TRACK TO INNOVATION (FTI)



This call (EIC-FTI-2018-2020), whose objective is the impulse of innovative companies in the market, belongs to the Towards the next EU Framework Program for Research and Innovation: European Innovation Council (EIC) Pilot sub-program, of the Program Horizon 2020

Fast Track towards Innovation accelerates the adoption by the market of innovations by providing financing in an open and accessible scheme that nourishes the ideas of consortia of innovators of all types and sizes across Europe.

Dead line: 22 October 2019

FOR MORE INFORMATION:

[WEB SITE](#)



## H2020: JOINT LEARNING BETWEEN INNOVATION AGENCIES



This call (INNOSUP-05-2018-2020), whose objective is to make available to national and regional innovation agencies two methodologies as elements of a permanent peer learning environment and offer incentives to agencies to participate more frequently in peer learning activities, it belongs to the Innovation in small and medium-sized enterprises sub-program of the Horizon 2020 Program.

The objective is to investigate and develop, through peer learning, new topics and approaches to support innovation for SMEs with the intention of putting into practice the new skills developed.

Dead line: 16 October 2019

FOR MORE INFORMATION:

[WEB SITE](#)





# 3RD HEALTH PROGRAM: RARE DISEASE REGISTRIES FOR EUROPEAN REFERENCE NETWORKS



This call (PJ-01-2019), which aims to support the development of rare disease registries (DR) for the European Reference Networks (ERNs), belongs to the 3rd Health Program.

The activities to be carried out relate to the creation and development of rare disease patient registries for NREs and to the development and quality control of existing registries.

Dead line: 10 October 2019

FOR MORE INFORMATION:

[WEB SITE](#)



## H2020: BIG DATA INNOVATION HUBS



This topic calls for Digital Innovation Hubs that strengthen European SMEs and empower European citizens by supporting them to use and combine data sources from different sectors and communities (e.g. retail, tourism, manufacturing, finance and insurance, media, healthcare, consumer support, transport, energy, public administration...) to develop innovative products and services. Special attention should be paid to fostering and facilitating the “fitness to the market” of the new solutions and data-driven business concepts, and to introducing best practices to sectors whose business models are not yet data-driven. Dead line: 13 November 2019

FOR MORE  
INFORMATION:

[WEB SITE](#)

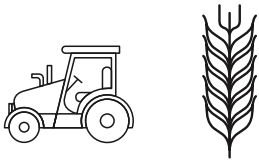






# STATISTICS

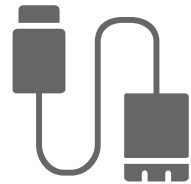
SEPTEMBER  
2019



FARMS AND FARMLAND IN THE  
EUROPEAN UNION



SHARE OF WOMEN  
RESEARCHERS, BY SECTORS  
OF PERFORMANCE



SHARE OF RENEWABLE ENERGY  
IN GROSS FINAL ENERGY  
CONSUMPTION BY SECTOR



**eurostat**  
Statistics Explained

CLIMATE CHANGE - DRIVING FORCES

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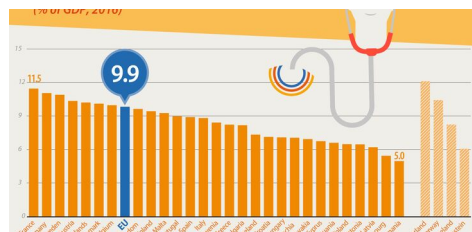
INDUSTRY, INNOVATION AND  
INFRASTRUCTURE



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HEALTH EXPENDITURE ACROSS  
THE EU: 10% OF GDP

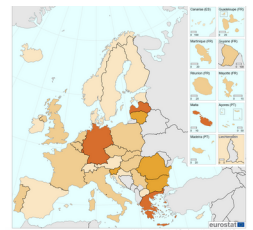


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EXPOSURE OF CITIZENS TO  
POLLUTION

Population exposed to  
pollution, grime or other  
environmental problems, 2017  
(% share)



[CLICK HERE](#)



# INFOGRAPHIES

SEPTEMBER  
2019



From the idea to the investment:  
An innovative guide for the EIC



Infographic of the European Innovation Council in which it highlights the situation of European innovators. Many European start-ups cannot find high risk capital to reach the stage where private sector investors get involved.

## BLUE GROWTH IN ACTION



Careers, laboratories and maritime technology projects financed through the European Fund for Fisheries and Maritime Navigation (EMFF).

[CLICK HERE](#)



## HORIZON 2020 SOCIAL CHALLENGE



Social challenge of the Horizon 2020 program focused on environmental policy, resource efficiency and challenge of raw materials: call for experts and evaluation of proposals.

[CLICK HERE](#)





## FISHING INDUSTRY

### FEEDING FUTURE GENERATIONS. HOW FINANCE CAN BOOST INNOVATION IN AGRI-FOOD – STUDY



**Summary:** More innovation and greater use of technology are needed for food production to meet the challenges of the future.

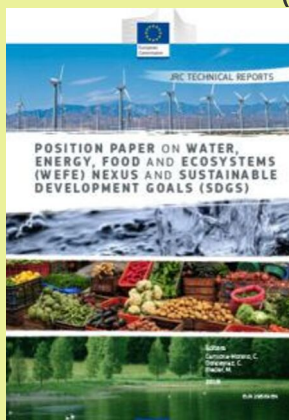
**Publication date:** 09-07-2019

**Author:** European Investment Bank; Fackelmann, Surya; Verbeek, Arnold; McDonagh, Brendan  
**ISBN / ISSN:** 978-92-861-4298-7

**Link:** [CLICK HERE](#)

**Key Words:** sustainable agriculture, value chain, sustainable development, packaging, financing, agrifood industry, innovation, research and development, mode of financing, new technology, food production, food security

### POSITION PAPER ON WATER, ENERGY, FOOD AND ECOSYSTEMS (WEFE) NEXUS AND SUSTAINABLE DEVELOPMENT GOALS (SDGS)



**Summary:** The WEFE nexus is an approach that integrates management and governance in the multiple sectors of food, energy, water and ecosystems. The link confirms the need not to see water, energy, food and ecosystems as separate entities, but as something complex and inextricably intertwined.

**Publication date:** 06-06-2019

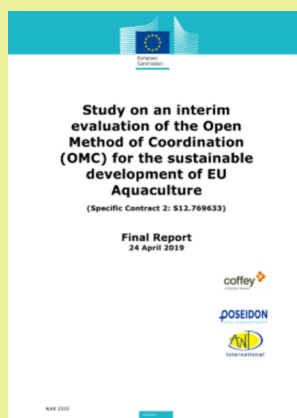
**Author:** Joint Research Centre (European Commission)

**ISBN / ISSN:** 978-92-79-98276-7/1831-9424

**Link:** [CLICK HERE](#)

**Key words:** decision making, development policy, ecosystem, energy policy, EU policy, food production, governance, sectoral planning, sustainable development, water resources

### STUDY ON AN INTERIM EVALUATION OF THE OPEN METHOD OF COORDINATION (OMC) FOR THE SUSTAINABLE DEVELOPMENT OF EU AQUACULTURE: FINAL REPORT – STUDY



**Summary:** This publication is a Technical report by the Joint Research Centre (JRC), the European Commission's science and knowledge service, and Directorate General for International Cooperation and Development (DG DEVCO). It aims to provide evidencebased scientific support to the European policymaking process.

**Publication date:** 30-07-2019

**Author:** AND international; Coffey; Directorate General for Maritime Affairs and Fisheries (European Commission); POSEIDON

**ISBN / ISSN:** 978-92-76-08273-6

**Link:** [CLICK HERE](#)

**Key words:** aquaculture, competitiveness, EU Member State, European Maritime Fund and Fisheries, open method of coordination, report, sustainable development, sustainable fishing

# IMPACTO AMBIENTAL

## PREVENTING PLASTIC WASTE IN EUROPE



**Summary:** Waste prevention is at the center of EU waste legislation, as it offers the most effective results to deal with environmental problems related to them. EU or national strategies and legislation around waste, therefore, places waste prevention at the top of its objectives.

**Publication date:** 12-06-2019

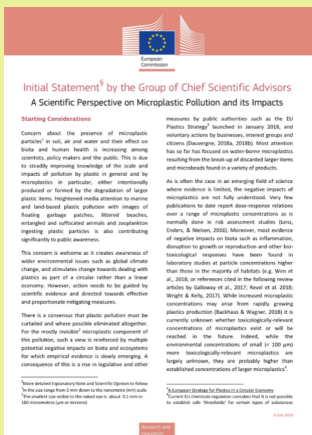
**Author:** European Environment Agency

**ISBN / ISSN:** 978-92-9480-066-4 / 1977-8449

**Link:** [CLICK HERE](#)

**Key words:** ecology, environmental law, waste management, environmental impact, plastics industry, plastics, waste recycling, plastic waste

## A SCIENTIFIC PERSPECTIVE ON MICROPLASTIC POLLUTION AND ITS IMPACTS. INITIAL STATEMENT BY THE GROUP OF CHIEF SCIENTIFIC ADVISORS



**Summary:** Concern about the presence of microplastic particles in soil, air and water and their effect on biota and human health is increasing among scientists, policy makers and the public.

**Publication date:** 21-05-2019

**Author:** Directorate General for Research and Innovation (European Commission), Group of leading scientific advisors of the European Commission

**ISBN / ISSN:** 978-92-79-88539-6

**Link:** [CLICK HERE](#)

**Key words:** air pollution, marine pollution, pollutant, environmental impact, environmental research, plastic, EU environmental policy, plastic waste, sanitary risk

## A EUROPEAN STRATEGY FOR PLASTICS IN THE CIRCULAR ECONOMY LOCAL AND REGIONAL DIMENSION: STUDY



**Summary:** This report was prepared to support the preparation of an Opinion of the Committee of the Regions on the European Strategy for Plastics in a Circular Economy prepared by the Commission and adopted in January 2018. This report, as required by the Bidding Specifications, provides an evaluation of the Plastic Strategy and all documents connected from the point of view of local and regional authorities.

**Publication date:** 23-04-2019

**Author:** European Committee of the Regions

**ISBN / ISSN:** 15-06-2018

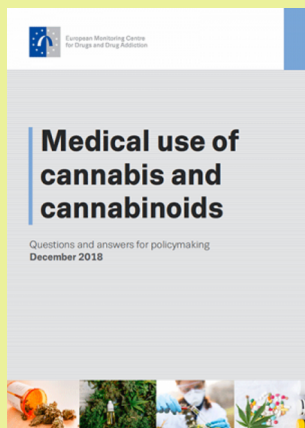
**Link:** [CLICK HERE](#)

**Key words:** environmental impact, environmental law, environmental protection, EU regional policy, plastics, pollution control measures, regional authority, sustainable development, waste management, waste recycling



## PUBLIC HEALTH

### MEDICAL USE OF CANNABIS AND CANNABINOIDS, QUESTIONS AND ANSWERS FOR POLICY MAKING




**Summary:** This report examines the evidence and practice regarding the approval of the use of cannabis or cannabis-based medications for therapeutic purposes. The international framework may change following the recent review of cannabis by the WHO Expert Committee on Drug Dependence.

**Publications date:** 06-06-2019

**Author:** European Monitoring Centre for Drugs and Drugs Additions

**ISBN / ISSN:** 978-92-9202-485-7

**Link:** [CLICK HERE](#) 

**Key words:** health care, narcotic, pharmacovigilance, research report, health policy, public health, psychotropic substance, therapeutic

### JOINT REPORT ON HEALTH CARE AND LONG-TERM CARE SYSTEMS & FISCAL SUSTAINABILITY: COUNTRY DOCUMENTS: 2019 UPDATE



**Summary:** All EU member states face strong and growing fiscal pressure on their health and long-term care systems, driven by the already high levels of public spending and debt in most countries, demographic pressures and technological advances.

**Publication date:** 16-07-2019

**Author:** Directorate General for Economic and Financial Affairs (European Commission); Economic Policy Committee

**ISBN / ISSN:** 978-92-79-98852-3/2443-8014

**Link:** [CLICK HERE](#) 

**Key words:** care for the elderly, health care, health care system, health expenditure, health policy, Portugal, report, sustainable development

### TUBERCULOSIS SURVEILLANCE AND MONITORING IN EUROPE 2019: 2017 DATA




**Summary:** A pesar de los notables avances logrados en la lucha contra la tuberculosis (TB) en la Región Europea de la OMS y la consecuente disminución constante de la incidencia, la TB aún representa una amenaza para la salud pública en la mayoría de los países y áreas dentro de la región y no debe ser subestimada.

**Publication date:** 25-06-2019

**Author:** European Centre for Disease Prevention and Control; OMS Regional Office for Europe

**ISBN / ISSN:** 978-92-79-77167-5

**Link:** [CLICK HERE](#) 

**Key words:** infectious disease, health statistics, Europe, report, preventive medicine, public health

## ENERGETIC RESOURCES

### BIOFUELS FROM ALGAE TECHNOLOGY OPTIONS, ENERGY BALANCE AND GHG EMISSIONS



**Summary:** During the last decades, algae received a growing interest as a potential source of advanced biofuel production, which resulted in considerable attention from research, industry and legislators. We report on the current status of technological options for the possible exploitation of algae (of both macro and microalgae species) in the biofuels and bioenergy sectors.

**Publication date** 06-07-2018

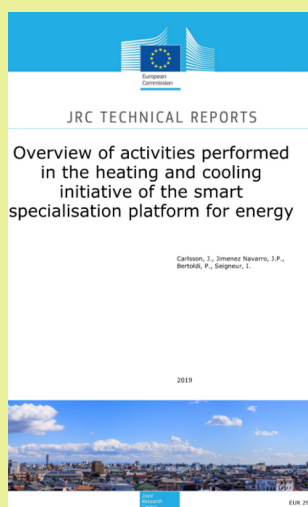
**Author:** Joint Research Centre (European Commission)

**ISBN / ISSN:** 978-92-79-53893-3

**Link:** [CLICK HERE](#)

**Key words:** algae, biofuels, energy policy, energy research, energy technology, greenhouse gases, research report

### OVERVIEW OF ACTIVITIES PERFORMED IN THE HEATING AND COOLING INITIATIVE OF THE SMART SPECIALISATION PLATFORM FOR ENERGY - STUDY



**Summary:** This report presents the activities carried out in the heating and cooling initiative of the Intelligent Energy Specialization Platform. The objective of the initiative was to help regions improve their heating and cooling strategies and increase their chances of accessing EU funds for their projects.

**Publication date:** 17-07-2019

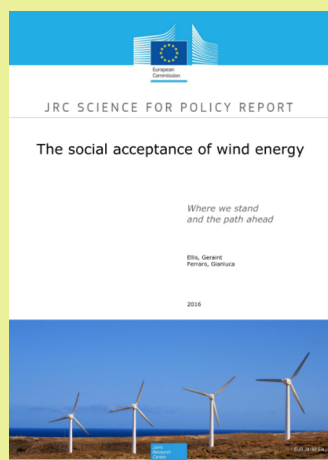
**Autor:** Centro Común de Investigación (Comisión Europea)

**Link:** [CLICK HERE](#)

**ISBN/ISSN:** 978-92-76-08603-1 / 1831-9424

**Key words:** air conditioning, energy research, energy technology, EU financing, financing method, heating, Internet site, research report

### THE SOCIAL ACCEPTANCE OF WIND ENERGY. WHERE WE STAND AND THE PATH AHEAD - STUDY



**Summary:** Social acceptance is a key challenge for the deployment of wind energy and could limit the general wind resource that we can exploit to meet the objectives of climate change. Social acceptance can be influenced by a wide range of factors, including the characteristics of the project, the perception of the distribution of costs and benefits, the degree of public

**Publication date:** 10-01-2017

**Author:** Joint Research Centre (European Commission); Ferraro, Gianluca; Ellis, Geraint

**ISBN / ISSN:** 978-92-79-63210-5 / 1831-9424

**Link:** [CLICK HERE](#)

**Key words:** renewable energy, scientific and technical research, climate change, wind energy, renewable energy, environmental impact, social impact, report, social participation, energy resource



## SPACE RESEARCH

### THE FUTURE OF THE EUROPEAN SPACE SECTOR: HOW TO LEVERAGE EUROPE'S TECHNOLOGICAL LEADERSHIP AND BOOST INVESTMENTS FOR SPACE VENTURES : EXECUTIVE SUMMARY



**Summary:** The executive summary provides a brief description of the European space economy and its financing landscape and summarizes the findings and recommendations of the study. The study reviews the conditions of access to financing that companies active in the European space sector meet and proposes possible solutions to improve them.

**Publication date:** 13-02-2019

**Author:** European Investment Bank

**ISBN / ISSN:** 978-92-861-4036-5

**Link:** [CLICK HERE](#)

**Key words:** aerospace industry, aid to undertakings, competitiveness, EU market, innovation, investment aid, private investment, public investment, report, research and development, use of outer space

### STUDY ON THE FUTURE OF SPACE RESEARCH - STUDY



**Summary:** The objective of this study is to assess the socio-economic impacts, as well as the costs and benefits, of the three different set of actions ("pillars") considered by the European Commission for the preparation of Horizon Europe.

**Publication date:** 25-07-2019

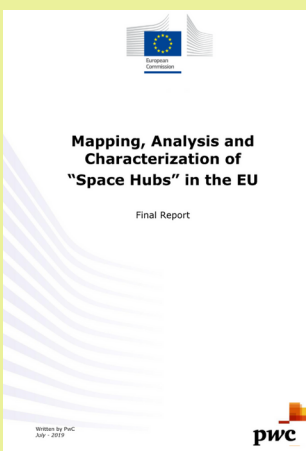
**Author:** Directorate-General for Internal Market, Industry; Entrepreneurship and SMEs (European Commission); PwC

**ISBN / ISSN:** 978-92-76-09143-1

**Link:** [CLICK HERE](#)

**Key words:** advanced technology industry, applied research, diffusion of innovations, Framework Programme for Research and Development, innovation, new technology, remote sensing, report, research and development, satellite, space research, space technology

### MAPPING, ANALYSIS AND CHARACTERIZATION OF "SPACE HUBS" IN THE EU: FINAL REPORT - STUDY



**Summary:** The European space sector is facing increasing global competition, as well as significant technological challenges in the context of the New Space economy. The EU space flagship programmes, including EGNOS, Galileo and Copernicus, are key assets to deliver on the EU's future objectives .

**Publication date:** 24-07-2019

**Author:** Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs (European Commission) , PwC

**ISBN / ISSN:** 978-92-76-09144-8

**Link:** [CLICK HERE](#)

**Key words:** aerospace industry, business policy, competition, innovation, report, space policy, space technology

## FOOD INDUSTRY

### CHEMICAL HAZARDS IN OUR FOOD: EU FOOD SAFETY POLICY PROTECTS US BUT FACES CHALLENGES



**Summary:** Food safety is an important priority for the EU and affects all citizens. Therefore, the EU tries to protect its citizens from the dangers that may be present in food. In this publication, the Court checks whether the food safety model, specifically with regard to chemical hazards, is well founded and applied.

**Publication date:** 16-06-2019

**Author:** European Court of Auditors

**ISBN / ISSN:** 978-92-847-1545-9 / 1977-5687

**Link:** [CLICK HERE](#)

**Key words:** food additive, audit, metal contamination, food standard, pesticide, chemical, sanitary risk, food safety, hazardous substance

### RESULTS OF AN EU WIDE COMPARISON OF QUALITY RELATED CHARACTERISTICS OF FOOD PRODUCTS. ANNEX : DASHBOARDS OF PRODUCTS



**Summary:** This publication is a Science for Policy report from the Joint Research Centre (JRC), the scientific centre of the European Commission and knowledge service. Its objective is to provide evidence-based scientific support to the process of formulating European policies. In this case, comparative results are offered across the EU for characteristics related to the quality of food products and product control.

**Publication date:** 25-06-2019

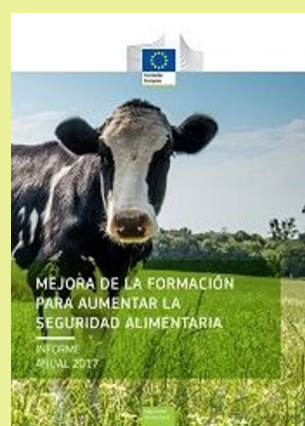
**Author:** Joint Research Centre (European Commission)

**ISBN / ISSN:** 978-92-76-08715-1 / 1831-9424

**Link:** [CLICK HERE](#)

**Key words:** comparative study, data collection, data processing, food production, food safety, packaging, product quality, quality label, report

### BETTER TRAINING FOR SAFER FOOD ANNUAL REPORT 2017



**Summary:** Better Training for Safer Food (BTSF) is a European Commission initiative that provides a strategy for training in the areas of food law, feed law, animal health and animal welfare rules and plant health rules.

**Publication date:** 24-07-2019

**Author:** Agencia Ejecutiva de Consumidores, Sanidad, Agricultura y Alimentación (Comisión Europea)

**ISBN / ISSN:** 978-92-9478-087-4 / 2314-9469

**Link:** [CLICK HERE](#)

**Key words:** activity report, EU programme, food inspection, food safety, human nutrition, in-service training, veterinary inspection



## SCIENTIFIC RESEARCH

### EUROPEAN OPEN SCIENCE CLOUD (EOSC) STRATEGIC IMPLEMENTATION PLAN



**Summary:** The EOSC Strategic Implementation Plan presents the activities that will contribute to the implementation of the EOSC for the period 2019-2020. While the document will be made public after final approval, it is primarily intended for use by stakeholders engaged into building EOSC.

**Publication date:** 24-07-2019

**Author:** Directorate-General for Research and Innovation (European Commission)

**ISBN / ISSN:** 978-92-76-09175-2

**Link:** [CLICK HERE](#) 

**Key words:** EU Member State, EU research policy, organisation of research, recommendation, report, research policy, research results, scientific cooperation, scientific exchange, scientific research

### A HANDBOOK FOR NATIONAL, REGIONAL AND LOCAL AUTHORITIES ON WHY AND HOW TO ENGAGE WITH THE EUROPEAN COMMISSION'S SCIENCE AND KNOWLEDGE SERVICE



**Summary:** The handbook provides a broad overview of the Joint Research Centre's (JRC) science-for-policy capabilities to help national governments and institutions achieve their goals on a sound evidence basis., is primarily directed at government personnel in the EU Member States and Associated Countries to Horizon 2020.

**Publication date** 27-05-2019

**SBN / ISSN:** 978-92-79-98386-3

**Author:** Joint Research Centre (European Commission)

**Link:** [CLICK HERE](#) 

**Key words:** Guide, Joint Research Center, scientific research.

### ANNUAL REPORT 2018: JOINT RESEARCH CENTRE, THE EUROPEAN COMMISSION'S SCIENCE AND KNOWLEDGE SERVICE



**Summary:** Report on the activities, accomplishments and resources related to the JRC's work carried out in 2018. An overview is given of the scientific achievements and activities as well as of corporate initiatives.

**Publication date:** 29-03-2019

**Author:** Joint Research Centre (European Commission)

**Link:** [CLICK HERE](#) 

**Key words:** activity report, EU research policy, Joint Research Centre, organisation of research, research policy, scientific research

# APICULTURE

## EUROPEAN RED LIST OF BEES



**Summary:** The European Red List is a review of the conservation status of European species in accordance with the regional guidelines of the IUCN Red List. Identify those species that are in danger of extinction at the regional level, so that appropriate conservation measures can be taken to improve their status.

**Publication date** 29-09-2016

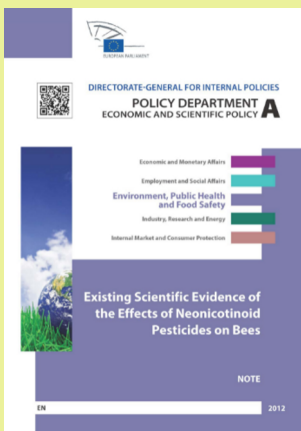
**Author:** Directorate General for the Environment (European Commission)

**ISBN / ISSN:** 978-92-79-44512-5

**Link:** [CLICK HERE](#)

**Key words:** beekeeping, protected species, insect, honey, pesticide, EU environmental policy, wildlife protection, flora protection, health risk.

## EXISTING SCIENTIFIC EVIDENCE OF THE EFFECTS OF NEONICOTINOID PESTICIDES ON BEES



**Summary:** Reports about bee colony losses and damage have increased in recent years all over Europe. Neonicotinoids, a class of systemic insecticides, are more frequently associated with the pollinator declines. The present briefing note gives an overview about neonicotinoid uses and recent scientific findings on their impact on bee colony survival and development. Risk-mitigation measures aimed at protecting non-target organisms (such as bees), are outlined and discussed.

**Publication date** 23-05-2019

**Author:** Directorate General for Research and Innovation (European Commission); Group of Scientific Advisors of the European Commission.

**ISBN / ISSN:** 978-92-79-82006-9

**Link:** [CLICK HERE](#)

**Key words:** sales authorization, environmental impact, insect, scientific research, environmental research, research method, pesticide, environmental protection, toxic substance

## HONEY MARKET PRESENTATION: CMO 17 APRIL 2019



**Summary:** This publication presents a visual and dynamic summary of the current situation of the honey market in the EU.

**Publication date:** 17-04-2019

**Author:** Directorate General for Agriculture and Rural Development (European Commission)

**ISBN / ISSN:** S/N

**Link:** [CLICK HERE](#)

**Publication date:** environmental policy and environmental protection, adaptation to climate change, carbon, climate change policy, energy technology, environmental law, EU environmental policy, greenhouse gases, innovation

## MEDIA COLLECTION



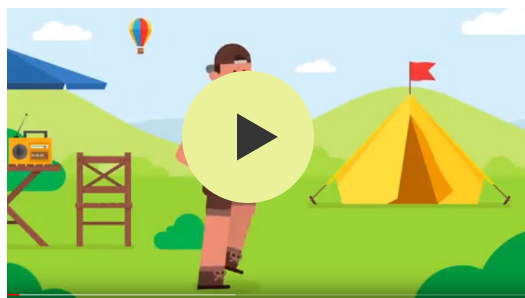
### The EU protects: how the EU connected experts to treat epilepsy

30 million people suffering from rare diseases or conditions in the EU, but countries often do not have the experience and ability to treat these patients in their home country.



### The EU is committed to reducing hydrofluorocarbons

The EU is committed to reducing hydrofluorocarbons as another concrete step to demonstrate full compliance with the Paris Agreement. HFCs or hydrofluorocarbons are substances used in refrigeration, air conditioning and aerosols.



### European health card: safe abroad

Aprenede a pronunciarIf you already have everything ready for the holidays, but you have not yet requested your European health card, you are still on time. Ask for it and travel safely, in case something goes wrong.



### What does the EU do for animal welfare?

With the support and close collaboration of the EU countries, the European Commission has been promoting animal welfare for more than 40 years, gradually improving the life of farm animals.



### The transition to circular cities

Cities have an important role to play in the transition to a circular economy. They house most of the world's population, generate about half of the planet's waste and consume 70% of all resources and energy. But how is a circular city?



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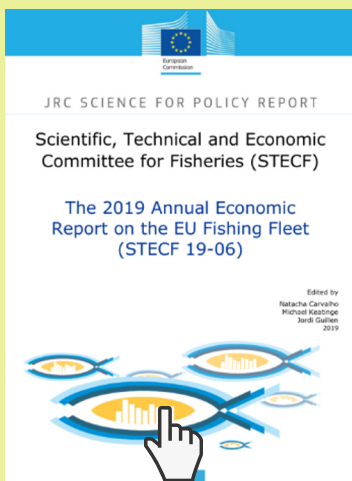
VEGETABLE VARIETIES 4/2019



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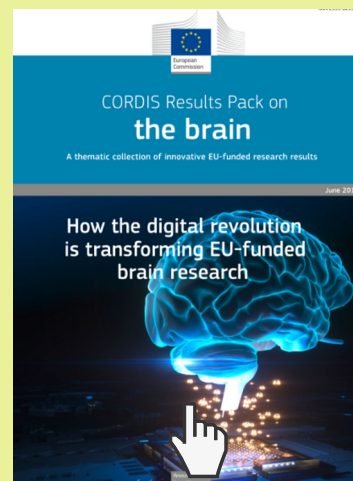
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EU FISHING FLEET ANNUAL REPORT 2019



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