



民國一零五年第三期

## 【歐盟展望二零二零】

乙未年十二月廿日

**New Projects:** 為目前 H2020 進行中的新計畫，提供國內相關領域研究社群從中參與加入的機會

The impact of alcohol consumption on milk banking

29/01/2016

飲酒婦女捐贈母乳合適嗎?

歐洲出生嬰兒率的攀升，母乳銀行也逐漸普及，但另一方面，歐洲飲酒婦女人數也有增加的趨勢。鑑此，考量嬰兒健康下，已有不少聲浪提出飲酒婦女贈母乳是否有不妥之虞?歐盟專家研究指出，此部分無需擔憂。

A Sustainable Raw-Materials Strategy for Europe

28/01/2016

歐盟原材料永續發展新策略

管理不善的資源開採會造成環境的負面影響，特別是對於與民生有息息相關的飲用水。歐盟資助的STRADE研究焦點是為歐盟研發永續原物料的技術，並且與發展中國家進行合作。

European Alliance to accelerate new concepts in HIV Vaccine research

27/01/2016

加快愛滋病毒疫苗研究

儘管愛滋病毒毒/愛滋病毒的預防和治療已有大幅的進步，但若與全球35萬人感染愛滋病毒及全球每天約6000人染愛滋病毒相對比較，仍無法趕上感染的速度。從公共衛生角度觀之，疫苗仍然防治愛滋病毒策略最有效的工具。

相關活動與訊息

國家實驗研究院國際事務團隊

(歐盟科研架構臺灣國家聯絡據點辦公室)

在此祝您猴年新春愉快、闔家平安！

[**訊息**] 歐盟頂尖個人型研發補助方案 European Research Council (ERC) 獲獎人於網路以影片分享申請 ERC 的經歷和建議 (網站: [How I got my ERC Grant](#))。

[**活動**] 第六屆歐洲運輸研究研討會 (6<sup>th</sup> European Transport Research Conference) 將在 2016 年 4 月 18-21 日於波蘭華沙 (Warsaw, Poland) 舉行, 歡迎有興趣之專家學者踴躍參加。 [TRA 官網](#)

[**活動**] **Adaptation Futures 2016** 為氣候改變弱點、影響與適應全球計畫雙年會 (Global Programme of Research on Climate Change Vulnerability, Impact and Adaptation, PROVIA) 將在 2016 年 5 月 10-13 日於荷蘭鹿特丹 (Rotterdam, the Netherlands) 舉行, 歡迎有興趣之專家學者踴躍參加。 [Adaptation Futures 2016 官網](#)

[**活動**] 第六屆奈米科技與有機電子國際展覽會 (6<sup>th</sup> International Exhibition on Nanotechnologies and Organic Electronics, NANOTECHNOLOGY EXPO 2016) 將在 2016 年 7 月 4-8 日於希臘塞薩洛尼基 (Thessaloniki, Greece) 舉行, 歡迎有興趣之專家學者踴躍參加。 [Nanotechnology Expo 官網](#)

[**活動**] 2016 年度 Living Machines 研討會將在 2016 年 7 月 18-22 日於英國蘇格蘭愛丁堡 (Edinburgh, Scotland, UK) 舉行, 歡迎有興趣之專家學者踴躍參加。 [Living Machines 2016 官網](#)

## Do You Speak EU?

### FET-Flagship

FET Flagship 是第二支柱 Future Emerging Technology (FET) 下的三個補助方案之一, 也是三者中最具野心規模的方案。如同 FET Proactive, FET-Flagship 是由歐盟提出的研究主題, 但此類型為長期(約十年期)、大型(預算總額約 10 億歐元)且無法由單一國家或 European Commission 獨自進行的旗艦型研究計畫。計畫必須有前瞻性並由科學領導, 目的為經由多方合作, 解決大型科學性與技術性 (Scientific and Technological) 挑戰。現今進行中的 FET-Flagship 計畫為 Graphene 以及 The Human Brain Project (HBP)。

**Open Calls:**近期計畫徵求（僅含部分可獲科技部或歐盟補助之項目；其它詳情請至以下連結）

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

### **第一支柱:卓越科學 (Excellent Science)**

#### **已開始接受申請之研究邀請或議題(Call or Topic)**

**Call for Proposals for ERC Proof of Concept Grant (ERC-2016-PoC) \***

Cut-off Dates: 16/02/2016; 26/05/2016; 04/10/2016

**Partnering environment for FET Flagships (FETFLAG-01-2016)**

Deadline: 01/03/2016

**FET Proactive: Emerging themes and communities (FETPROACT-01-2016)**

Deadline: 12/04/2016

**Research and Innovation Staff Exchange (MSCA-RISE-2016) \***

Deadline: 28/04/2016

**FET-Open Research and Innovation Actions (FETOPEN-01-2016-2017)**

Cut-off Dates: 11/05/2016; 17/01/2017; 27/09/2017

#### **尚未開始接受申請之研究邀請或議題(Call or Topic)**

**Individual Fellowships (MSCA-IF-2016) \***

Opening on: 12/04/2016 Deadline: 14/09/2016

**FET Proactive: Co-design of HPC Systems and applications (FETHPC-01-2016)**

Opening on: 14/04/2016 Deadline: 27/09/2016

**Research and Innovation Staff Exchange (MSCA-RISE-2017) \***

Opening on: 01/12/2016 Deadline: 05/04/2017

**Individual Fellowships (MSCA-IF-2017) \***

Opening on: 11/04/2017 Deadline: 14/09/2017

**FET Proactive: Transition to Exascale Computing (FETHPC-02-2017)**

Opening on: 12/04/2017 Deadline: 26/09/2017

\* 科技部不補助，但可獲歐盟補助。

### **第二支柱:產業領導力 (Industrial Leadership)**

#### **已開始接受申請之研究邀請(Call)**

**Information and Communication Technologies Calls (H2020-ICT-2016-2017)**

Opened Topic Deadline: 12/04/2016

Forthcoming Topic Opening on: 10/05/2016 or 08/12/2016

\* 科技部政策僅開放第二支柱中的 ICT CALL 中的 Future Internet (ICT 第 7 到 13 號議題)與 Robotics (ICT 第 25 到 28 號議題) 兩個議題領域申請補助。對第二支柱其它研究邀請或議題有興趣者將須以個案向科技部申請補助。

### **第三支柱:社會挑戰 (Societal Challenges)**

#### **全部或部分 Topic 已開始接受申請之研究邀請(Call)**

**Reversing Inequalities and Promoting Fairness**

**(H2020-SC6-REV-INEQUAL-2016-2017)**

Opened Topic Deadlines: 04/02/2016

Forthcoming Topic Opening on: 04/10/2016

**Co-Creation for Growth and Inclusion (H2020-SC6-CO-CREATION-2016-2017)**

Opened Topic Deadline: 04/02/2016, 24/05/2016

Forthcoming Topic Opening on: 04/10/2016

**Understanding Europe – Promoting the European Public and Cultural Space**

**(H2020-SC6-CULT-COOP-2016-2017)**

Opened Topic Deadline: 04/02/2016

Forthcoming Topic Opening on: 04/10/2016

**Clean Sky 2 Call for Core Partners Wave 3 (H2020-CS2-CPW03-2015-02)**

Deadline: 04/02/2016

**Competitive Low-Carbon Energy (H2020-LCE-2016-2017)**

Opened Topic Deadlines: 16/02/2016, 05/04/2016

Forthcoming Topic Opening on: 14/04/2016, 11/05/2016, 20/09/2016, 11/05/2017

**Digital Security Focus Area (H2020-DS-2016-2017)**

Opened Topic Deadlines: 16/02/2016 or 12/04/2016

Forthcoming Topic Opening on: 15/03/2016, 08/12/2016, 01/03/2017

**Personalised Medicine (H2020-SC1-2016-2017)**

Opened Topic Deadlines: 16/02/2016, 12/04/2016, 13/04/2016

Forthcoming Topic Opening on: 29/07/2016, 20/09/2016, 08/11/2016

**Rural Renaissance – Fostering Innovation and Business Opportunities**

**(H2020-RUR-2016-2017)**

Opened Topic Deadlines: 17/02/2016

Forthcoming Topic Opening on: 04/10/2016

**Blue Growth – Demonstrating an Ocean of Opportunities**

**(H2020-BG-2016-2017)**

Opened Topic Deadlines: 17/02/2016

Forthcoming Topic Opening on: 04/10/2016

**Sustainable Food Security – Resilient and Resource-Efficient Value Chains**

**(H2020-SFS-2016-2017)**

Opened Topic Deadlines: 17/02/2016

Forthcoming Topic Opening on: 15/03/2016, 04/10/2016

**Bio-based Innovation for Sustainable Goods and Services – Supporting the Development of a European Bioeconomy (H2020-BB-2016-2017)**

Opened Topic Deadlines: 17/02/2016

Forthcoming Topic Opening on: 04/10/2016

**Greening the Economy (H2020-SC5-2016-2017)**

Opened Topic Deadlines: 07/03/2016, 08/03/2016

Forthcoming Topic Opening on: 14/04/2016, 08/11/2016

**Smart and Sustainable Cities (H2020-SCC-2016-2017)**

Opened Topic Deadlines: 08/03/2016, 05/04/2016

**Fast Track to Innovation Pilot (H2020-FTIPILOT-2016)**

Cut-Off Dates: 15/03/2016, 01/06/2016, 25/10/2016

**SESAR Joint Undertaking Wave 1 (H2020-SESAR-2015-2)**

Deadline: 16/03/2016

**H2020-JTI-IMI2-2016-08-SINGLE-STAGE**

**(H2020-JTI-IMI2-2015-08-SINGLE-STAGE)**

Cut-Off Dates: 16/03/2016, 15/09/2016, 16/03/2017, 14/09/2017, 15/03/2018

**Shift2Rail Joint Undertaking Call for Proposal 2015 (H2020-S2RJU-2015-01)**

Deadline: 17/03/2016

**Shift2Rail Joint Undertaking Call for Proposal 2016 (H2020-S2RJU-2016-01)**

Deadline: 17/03/2016

**尚未開始接受申請之研究邀請(Call)**

**Critical Infrastructure Protection (H2020-CIP-2016-2017)**

Opening on: 15/03/2016

**Security (H2020-SEC-2016-2017)**

Opening on: 15/03/2016, 01/03/2017

**Energy Efficiency Call 2016-2017 (H2020-EE-2016-2017)**

Opening on: 15/03/2016, 15/06/2016, 19/01/2017

**2016-2017 Automated Road Transport (H2020-ART-2016-2017)**

Opening on: 20/09/2016

**2016-2017 Mobility for Growth (H2020-MG-2016-2017)**

Opening on: 20/09/2016

**2016-2017 Green Vehicles (H2020-GV-2016-2017)**

Opening on: 04/10/2016

**Engaging Together Globally (H2020-SC6-ENG-GLOBALLY-2016-2017)**

Opening on: 04/10/2016

**臺灣 NCP 辦公室資訊**

臺灣 NCP 辦公室網頁 ([www.ncp.tw](http://www.ncp.tw))

臉書專屬網頁 (<https://www.facebook.com/H2020.NCP.TW?ref=ts&fref=ts>)

**爆竹一聲除舊歲 平平安安過新年**

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