Tackling secondhand tobacco smoke and e-cigarette emissions: exposure assessment, novel interventions, impact on lung diseases and economic burden in diverse European populations. The TackSHS Project.

Project information

TackSHS

Grant agreement ID: 681040

Project website

Status
Closed project

Start date
1 November 2015

End date
31 October 2019

Funded under:
H2020-EU.3.1.3.

Overall budget:
€ 2 987 795

EU contribution
€ 2 987 794,25

Coordinated by:
INSTITUT CATALA D'ONCOLOGIA
Spain

Objective

"Exposure to secondhand tobacco smoke (SHS) has been classified as a "Group 1" carcinogen (known human carcinogen) by the International Agency for Research on Cancer and has been shown to have adverse health effects on adults and children, including heart disease and respiratory disorders. Electronic cigarettes (e-cigarettes), the most common "electronic nicotine delivery system", have irrupted in the past 5 years with sales volumes increasing considerably across the European Union. The TackSHS Project will try to elucidate the comprehensive impact that SHS and e-cigarettes emissions have on the respiratory health of the European population and how health impacts vary according to socio-economic parameters with particular emphasis on specific vulnerable groups (patients suffering from pre-existing chronic lung diseases, heavy smokers, and other disadvantaged groups). By means of an integrated series of work packages, we will investigate the determinants of SHS exposure, assessed at the individual level and in the environment (survey and air quality assessment in 12 countries), the overall burden of disease caused (lung diseases and cardiovascular diseases), including the specific respiratory health changes in patients and healthy people, the economic impact of both mortality and morbidity caused by these exposures, the methods to better characterize these exposures and novel interventions to reduce them. This
comprehensive, integrated approach will enable significant step-change beyond the current state-of-the-art in understanding SHS and e-cigarette emission exposure. The participating partners have been at the forefront of cutting edge research in this discipline, with prior collaboration between them in specific projects. The TackSHS Project will put together for the first time all these first-line research teams, and the conjunction of the work packages will result in a step forward to tackle exposure to SHS and e-cigarettes emissions.

**Field of Science**

/medical and health sciences/clinical medicine/oncology/cancer

/social sciences/sociology/demography/mortality

/medical and health sciences/clinical medicine/cardiology/cardiovascular diseases

**Programme(s)**

H2020-EU.3.1.3. - Treating and managing disease

**Topic(s)**


**Call for proposal**

H2020-HCO-2015

See other projects for this call

**Funding Scheme**

RIA - Research and Innovation action

**Coordinator**
<table>
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<tbody>
<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td>Av Gran Via De L'Hospitalet</td>
</tr>
<tr>
<td>199-203</td>
</tr>
<tr>
<td>08908 L'Hospitalet Del</td>
</tr>
<tr>
<td>Llobregat</td>
</tr>
<tr>
<td><strong>Spain</strong></td>
</tr>
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**Participants (11)**

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<tr>
<th>Agencia de Salut Publica de Barcelona</th>
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<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td>PlaÇA Lesseps 1</td>
</tr>
<tr>
<td>08023 Barcelona</td>
</tr>
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</table>

**ISTITUTO DI RICERCHE FARMACOLOGICHE MARIO NEGRE**

| **Address**                           | **Activity type** |
| Via Mario Negri 2                     | Research Organisations |
| 20156 Milano                           |                    |

**THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN**

| **Address**                           | **Activity type** |
| King'S College Regent Walk            | Higher or Secondary |
| Ab24 3fx Aberdeen                     | Education Establishments |

**EU Contribution**

|  |
| € 426 941 |
| € 539 458.75 |
| € 97 587.55 |
TobaccoFree Research Institute Ireland LBG
Ireland

Address
Upper Mount Street 10
2 Dublin

Activity type
Research Organisations

EU Contribution
€ 338 876

Website
Contact the organisation

HELLENIC CANCER SOCIETY
Greece

Address
A. Tsocha 18-20
11521 Athina

Activity type
Other

EU Contribution
€ 164 791

Website
Contact the organisation

FONDAZIONE IRCCS ISTITUTO NAZIONALE DEI TUMORI
Italy

Address
Via Venezian 1
20133 Milan

Activity type
Research Organisations

EU Contribution
€ 155 875

Website
Contact the organisation

ISTITUTO PER LO STUDIO E LA PREVENZIONE E LA RETE ONCOLOGICA
Italy

Address
Via Cosimo Il Vecchio 2
50139 Firenze

Activity type
Other

EU Contribution
€ 156 000

Website
Contact the organisation
<table>
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<th>Organisation</th>
<th>Country</th>
<th>EU Contribution</th>
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<td>UNIVERSIDAD POLITECNICA DE CARTAGENA</td>
<td>Spain</td>
<td>€ 115 458,75</td>
<td>Plaza Del Cronista Isidoro Valverde Edificio La Milagrosa 30202 Cartagena</td>
<td>Higher or Secondary Education Establishments</td>
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<tr>
<td>EUROPEAN NETWORK FOR SMOKING PREVENTION</td>
<td>Belgium</td>
<td>€ 141 795</td>
<td>Chaussee D’Ixelles 144 1050 Bruxelles</td>
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<td>FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO LA PRINCESA</td>
<td>Spain</td>
<td>€ 148 750</td>
<td>Diego De Leon 62 1 Planta 28006 Madrid</td>
<td>Research Organisations</td>
</tr>
<tr>
<td>THE UNIVERSITY OF STIRLING</td>
<td>United Kingdom</td>
<td>€ 102 211,20</td>
<td>Fk9 4la Stirling</td>
<td>Higher or Secondary Education Establishments</td>
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