

## STANDARD DECLARATION OF INTERESTS (DOI) FORM

### Definitions:

“**Activity**” or “**Activities**” (capitalised ‘A’) means an activity or activities of or under the Group of Chief Scientific Advisors for instance in its formation as Coordination Group or in sub-groups, or that or those in relation thereto, for example, SAPEA Working Groups.

"**Conflict of interest**" means any situation where an individual has an interest that may compromise or be reasonably perceived to compromise the individual's capacity to act independently and in the public interest when providing advice to the Commission in relation to Activities performed.

"**Immediate family member**" means the individual's spouse, children and parents. "Spouse" includes a partner with whom the individual has a registered non marital regime. "Children" means the child(ren) the individual and the spouse have in common, the own child(ren) of the individual and the own child(ren) of the spouse.

"**Legal entity**" means any commercial business, industry association, consultancy, research institution or other enterprise whose funding is significantly derived from commercial sources. It also includes independent own commercial businesses, law offices, consultancies or similar.

"**Body**" means a governmental, international or non-profit organisation.

"**Meeting**" includes a series or cycle of meetings.

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**Please answer each of the questions below. If the answer to any of the questions is "yes", please briefly describe relevant interests and circumstances, as appropriate.**

**If you do not describe relevant interests and your DoI form is considered to be incomplete, or if declared interests are considered to constitute a Conflict of Interest, you may be excluded from all or part of the Activities.**

First name: Andrea Emilio

Family name: Rizzoli

Date: 27/9/2023

Description of the Activity: Successful and timely uptake of Artificial Intelligence in science in the EU

## 1 EMPLOYMENT CONSULTANCY AND LEGAL REPRESENTATION

|  |   |            |           |
|--|---|------------|-----------|
|  | <b>Within the past 5 years, were you employed or have you had any other professional relationship with a natural or legal entity, or held any non-remunerated post in a legal entity or other body with an interest in the field of the Activity in question?</b> | <b>yes</b> | <b>no</b> |
|--|---|------------|-----------|

|           |  |                          |                          |
|-----------|--|--------------------------|--------------------------|
| <i>1a</i> | <i>Employment</i>                                    | X                        | <input type="checkbox"/> |
| <i>1b</i> | <i>Consultancy, including services as an advisor</i> | <input type="checkbox"/> | X                        |
| <i>1c</i> | <i>Non-remunerated post</i>                          | <input type="checkbox"/> | X                        |
| <i>1d</i> | <i>Legal representation</i>                          | <input type="checkbox"/> | X                        |

| <i>Activity</i>           | <i>time period<br/>(from... until<br/>month/year)</i> | <i>name of entity or body</i>                                      | <i>description</i>   |
|---------------------------|---|--|--|
| Director IDSIA USI-SUPSI  | 2020-present  | SUPSI – Scuola universitaria professionale della Svizzera italiana | Scientific and managerial coordination of the research institute                   |
| Professor IDSIA USI-SUPSI | 2018-2020   | SUPSI – Scuola universitaria professionale della Svizzera italiana | Research activities in the area of optimisation and management of energy resources |

## 2 MEMBERSHIP OF MANAGING BODY, SCIENTIFIC ADVISORY BODY OR EQUIVALENT STRUCTURE

|  |   |            |           |
|--|---|------------|-----------|
|  | <b>Within the past 5 years, have you participated in the internal decision-making of a legal entity or other body with an interest in the field of Activities in question or have you participated in the works of a Scientific Advisory Body with voting rights on the outputs of that entity?</b> | <b>yes</b> | <b>no</b> |
|--|---|------------|-----------|

|           |  |   |                          |
|-----------|--|---|--------------------------|
| <i>2a</i> | <i>Participation in a decision-making process</i>              | X | <input type="checkbox"/> |
| <i>2b</i> | <i>Participation in the work of a Scientific Advisory Body</i> | X | <input type="checkbox"/> |

| <i>Activity</i>                            | <i>Time period<br/>(from... until<br/>month/year)</i> | <i>Name of legal entity or<br/>body</i>   | <i>Description</i>   |
|--|---|---|--|
| Scientific advisory board member           | 2018-present  | ZALF, Leibniz Zentrum für Agrarlandschaftsforschung. Munchenberg, Germany (www.zalf.de) | I regularly take part in periodic meetings to support the director of the institute in the preparation and review of its scientific strategy. I also support the institute in the selection of academic personnel.   |
| Vice president of a scientific association | 2018-present  | The International Environmental Modelling & Software Society (www.iemss.org)            | I have been one of the founders of this society, whose aim is to promote the use of modelling techniques and software solutions for the management of our scarce environmental resources and I contribute to its scientific and strategic management, currently as vice-president. |

### 3 RESEARCH SUPPORT

|  |   |            |           |
|--|---|------------|-----------|
|  | <b>Within the past 5 years, have you, or the research entity (institute or department) to which you belong, received any support from a legal entity or other body with an interest in the field of Activities in question?</b> | <b>yes</b> | <b>no</b> |
|--|---|------------|-----------|

|    |  |   |                          |
|----|--|---|--------------------------|
| 3a | Research support, including grants, rents, sponsorships, fellowships, non-monetary support | X | <input type="checkbox"/> |
|----|--|---|--------------------------|

| Activity                        | Time period<br>(from... until<br>month/year) | Name of legal entity<br>or body                                      | Description   |
|---------------------------------|--|--|---|
| Workpackage leader - DIGICITIES | 2022-2025                                    | Bundesamt für Energie in the context of the ERA-Net programme        | The project will study and deliver a digital platform for the representation of energy related data in cities as digital layers to feed machine learning models to forecast energy demand at different spatio-temporal scales.                            |
| Workpackage leader - enCOMPASS  | 2016-2019                                    | The European Commission in the context of the Horizon 2020 programme | Workpackage leader of enCOMPASS (Horizon 2020). enCOMPASS will implement and validate an integrated socio-technical approach to behavioural change for energy saving<br>( <a href="http://www.encompass-project.eu">http://www.encompass-project.eu</a> ) |
| Project manager - Optiflex      | 2018-2019                                    | Innosuisse – Swiss Innovation Agency                                 | The Optiflex projects developed a software platform for the flexible management of residential energy loads.  |
| Workpackage leader - SocialCar  | 2015-2018                                    | The European Commission in the context of the Horizon 2020 programme | SocialCar is a research and innovation project that seeks to incorporate carpooling into existing mobility systems; by means of powerful planning algorithms and big data integration from public transport, carpooling systems, and crowd                |

|                                   |           |   |  |
|-----------------------------------|-----------|---|--|
|                                   |           |   | sourcing<br>( <a href="http://socialcar-project.eu/">http://socialcar-project.eu/</a> ).   |
| Project coordinator –<br>SmartH2O | 2014-2017 | The European Commission in the context of the FP7 programme | The SmartH2O project enables water managers to close the loop between actual water consumption levels and desired targets, using information about how the consumers adapt their behavior to new situations: new regulations, new water prices, appeals to water savings<br>( <a href="http://www.smarth2o-fp7.eu/">http://www.smarth2o-fp7.eu/</a> ). |

#### 4 FINANCIAL INTERESTS

|   |            |           |
|---|------------|-----------|
| <b>Do you have current investments in a legal entity with an interest in the field of Activities in question, including holding of stocks and shares, and which amounts to more than 10,000 EUR per legal entity or entitling you to a voting right of 5% or more in such legal entity?</b> | <b>yes</b> | <b>no</b> |
|---|------------|-----------|

|           |                    |                          |                                     |
|-----------|--------------------|--------------------------|-------------------------------------|
| <i>4a</i> | <i>Shares</i>      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>4b</i> | <i>Other stock</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| <i>Investment</i> | <i>Name of legal entity</i> | <i>Description</i> |
|-------------------|-----------------------------|--------------------|
|                   |                             |                    |

#### 5 INTELLECTUAL PROPERTY

|  |            |           |
|--|------------|-----------|
| <b>Do you have any intellectual property rights that might be affected by the outcome of the Activities in question?</b> | <b>yes</b> | <b>no</b> |
|--|------------|-----------|

|    |                                   |                          |                          |
|----|-----------------------------------|--------------------------|--------------------------|
| 5a | Patent, trademarks, or copyrights | X                        | <input type="checkbox"/> |
| 5b | Others                            | <input type="checkbox"/> | X                        |

| Intellectual property                                    | Description  |
|--|--|
| Co-inventor of the European Patent No. 14772077.5 - 1806 | <p>The patent describes a method for programming the energy flow between a grid and an accumulator of an electric vehicle, and the corresponding device for programming.</p> <p>I do not own neither the intellectual property nor the rights of use and exploitation.</p> |

## 6 PUBLIC STATEMENTS AND POSITIONS

|   |            |           |
|---|------------|-----------|
| <p><i>Within the past 5 years, have you provided any expert opinion or testimony in the field of Activities in question, for a legal entity or other body as part of a regulatory, legislative or judicial process? Within the past 5 years have you held an office or other position, paid or unpaid, where you represented interests or defended a public statement or position in the field of Activities in question?</i></p> | <b>yes</b> | <b>no</b> |
|---|------------|-----------|

|           |  |                          |   |
|-----------|--|--------------------------|---|
| <b>6a</b> | <b>For a legal entity or other body as part of a regulatory, legislative or judicial process</b> | <input type="checkbox"/> | X |
| <b>6b</b> | <b>Represented interests or defended an opinion</b>  | <input type="checkbox"/> | X |

| Activity | Time period (from... until month/year) | Name of legal entity or body | Description |
|----------|--|------------------------------|-------------|
|          |  |                              |             |

**7 INTERESTS OF IMMEDIATE FAMILY MEMBERS**

yes no

|           |   |                          |          |
|-----------|---|--------------------------|----------|
| <b>7a</b> | <b>To your knowledge, are there any interests of your immediate family members which could be seen as undermining your independence when providing advice to the Commission in the field of the Activities in question?</b> | <input type="checkbox"/> | <b>X</b> |
|-----------|---|--------------------------|----------|

| <i>Interests</i> | <i>Time period<br/>(from... until<br/>month/year)</i> | <i>Name of legal entity or<br/>body</i> | <i>Description</i> |
|------------------|---|---|--------------------|
|                  |   |   |                    |

|           |  |
|-----------|--|
| <b>7b</b> | <i>If interests of your immediate family members are declared, it is your responsibility to inform them about the collection and publication of information on their interests included in the DoI and to provide them with the privacy statement attached to the guidance for filling in this DoI, and this at the latest when you file the DoI form with the Commission.</i> |
|-----------|--|

**8 OTHER RELEVANT INFORMATION**

yes no

|           |   |                          |          |
|-----------|---|--------------------------|----------|
| <b>8a</b> | <b>Are there any other elements that could be seen as undermining your independence when providing advice to the Commission in the field of the Activities in question?</b> | <input type="checkbox"/> | <b>X</b> |
|-----------|---|--------------------------|----------|

Description:

I hereby declare on my honour that I have read the guidance for completing this form. I also declare on my honour that the information disclosed in this form is true and complete to the best of my knowledge.

Should there be any change to the above information, including as regards upcoming activities, I will promptly notify the competent department or entity and complete a new DoI form describing the changes in question.

I am informed that my personal data are stored, processed and published in accordance with the applicable data protection legislation.

I have been informed that this form may be shared with the European Commission and will be publicly available once the SAPEA report is published.

Date: 27.9.2023

Signature:

