

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.

\*\*\*

**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: Christoph M.

Family name: Schmidt

Date: 29/09/20

Description of the Activity: SAPEA Project on the Systemic Approach For the Energy Transition in Europe (SAFETE)

## 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>	x	<input type="checkbox"/>
<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 (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
President	since 2002	RWI – Leibniz-Institut für Wirtschaftsforschung, Essen	
Professor of Economics and Econometrics	since 2002	Ruhr-Universität Bochum	
Member/Chairman	2009-2020/2013-2020	The German Council of Economic Experts	
Member/Co-Chairman	since 2019/since 2020	Franco-German Council of Economic Experts	

## 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 (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>	
Vice chairman	since 2018	Supervisory Board of ewi – Energiewirtschaftliches		

		Instituts an der Universität zu Köln	
Vice chairman	since 2018	Foundation Board of ewi – Energiewirtschaftliches Instituts an der Universität zu Köln	
Member	since 2016	Board of Directors of the academy project ESYS II of the National Academy of Science and Engineering (acatech)	
Member	since 2014	board of trustees of the Alfried Krupp von Bohlen und Halbach-Stiftung	
Member	since 2014	Executive Board of the National Academy of Science and Engineering (acatech)	
Member	since 2014	Advisory Board of the Anita Thyssen Stiftung	
Member	since 2014	Administrative Board of the Thyssen Vermögensverwaltung GmbH	
Member	2013-2016	Steering Committee ESYS I of the National Academy of Science and Engineering (acatech)	
Member	2011-2017	Supervisory Board of the Brost Foundation	
Member	since 2018	Advisory Board of NRW.Bank	
Member	since 2016	advisory scientific council of the Fritz Thyssen Foundation	
Member	since 2015	Advisory Board of the IKB Deutsche Industriebank AG	
Member	2015-2017	High-Tech Forum of the Federal Government	

### 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>
--	---	------------	-----------

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

<i>Activity</i>	<i>Time period (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>
Third party funded project	09/15 – 12/15	3ie	Design for the programme on household's access to domestic fuel implemented by the Ministry of Energy, Government of Senegal
Third party funded project	11/15 – 02/16	acatech - National Academy of Science and Engineering	Literature Review on the causal effects of behavioral economic interventions on household energy consumption
Third party funded project	03/16 – 02/17	acatech - National Academy of Science and Engineering	ESYS 2 - medium run paths of energy transition
Third party funded project	03/16 – 08/16	acatech - National Academy of Science and Engineering	ESYS 2 - sector coupling
Third party funded project	03/16 – 02/19	acatech - National Academy of Science and Engineering	ESYS 2 - ESYS board of directors
Third party funded project	03/20 – 06/20	acatech - National Academy of Science and Engineering	Energy Systems of the Future III (ESYS III)
Third party funded project	07/18 – 02/19	acatech - National Academy of Science and Engineering	ESYS II „Sino-German Comparative Analysis (SGCA)“
Third party funded project	11/14 – 04/16	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Efficient cooking stoves and pico-PV systems: Employment and income effects along the value chain

Third party funded project	04/16 – 12/16	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Energy supply Senegal
Third party funded project	03/18 – 10/19	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Energising Development Senegal
Third party funded project	05/15 – 01/16	Duales System Deutschland	The benefits of the dual system for the plastics processing industry: stocktaking and future scenarios
Third party funded project	07/16 – 09/16	Duales System Deutschland	Supplementary study: Economic benefits of the dual system: stocktaking and future scenarios
Third party funded project	07/17 – 06/19	Environment for Development	Increasing electricity uptake through micro-credit provision: Evidence from a randomized controlled trial in rural Tanzania
Third party funded project	04/19 – 03/23	European Commission	Human-Centric Energy Districts: Smart Value Generation by Building Efficiency and Energy Justice for Sustainable Living
Third party funded project	03/19 – 02/20	European Commission	Energy-X research needs
Third party funded project	06/19 – 05/22	European Commission	New Clean Energy Communities in a Changing European Energy System
Third party funded project	01/14 – 02/15	Federal Ministry for Economic Affairs and Energy	Verification of the agreement between the Government of the Federal Republic of Germany and German industry to increase energy efficiency (Monitoring 2013)
Third party funded project	01/16 – 10/18	Federal Ministry for Economic Affairs and Energy	Erstellen von Anwendungsbilanzen auf der Grundlage der deutschen Energiebilanzen für die Jahre 2014 bis 2017
Third party funded project	06/17 – 11/17	Federal Ministry for Economic Affairs and	Development of current comparative structural data

		Energy	for the German lignite regions
Third party funded project	08/18 – 09/18	Federal Ministry for Economic Affairs and Energy	Structural data for the Commission "Growth, structural change and employment"
Third party funded project	11/18 – 06/22	Federal Ministry for Economic Affairs and Energy	Preparation of energy balances 2018-2020
Third party funded project	05/20 – 04/23	Federal Ministry for Economic Affairs and Energy	CO2 price - analysis of the short and long-term effects of different CO2 pricing variants on society and the economy
Third party funded project	04/20 – 11/21	Federal Ministry for Economic Affairs and Energy	Verification of the agreement between the Government of the Federal Republic of Germany and German industry to increase energy efficiency (Monitoring 2019/2020)
Third party funded project	04/17 – 11/18	Federal Ministry for Economic Affairs and Energy, Federation of German Industries, Federal Ministry of Finance	Verification of the agreement between the Government of the Federal Republic of Germany and German industry to increase energy efficiency (Monitoring 2016/2017)
Third party funded project	03/15 – 11/15	Federal Ministry for Economic Affairs and Energy, Federation of German Industries, Federal Ministry of Finance	Verification of the agreement between the Government of the Federal Republic of Germany and German industry to increase energy efficiency (Monitoring 2014)
Third party funded project	04/16 – 11/16	Federal Ministry for Economic Affairs and Energy, Federation of German Industries, Federal Ministry of Finance	Verification of the agreement between the Government of the Federal Republic of Germany and German industry to increase energy efficiency (Monitoring 2015)
Third party funded project	02/18 – 01/21	Federal Ministry of Education and Research	Direct, Indirect, Psychological, and Macro-economic Rebound Effects
Third party funded project	09/18 – 08/21	Federal Ministry of Education and Research	Deep Transformation Scenarios for Informing the

			Climate Policy Discourse
Third party funded project	11/18 – 10/21	Federal Ministry of Education and Research	De-Carbonizing Economic Development in Sub-Saharan Africa
Third party funded project	10/18 – 09/21	Federal Ministry of Education and Research	Tapping the Double Dividend: Household Energy in Developing Countries, Climate Change Mitigation and Adaptation
Third party funded project	05/20 – 04/23	Federal Ministry of Education and Research	Evidence based assessment of the design of Germany's energy transition
Third party funded project	12/18 – 11/21	Federal Ministry of Education and Research	Evaluating Germany's Climate Mitigation and Adaptation Practice
Third party funded project	10/16 – 09/19	Federal Ministry of Education and Research	Kopernikus Enavi systemintegration: transformation and integration of energie supply
Third party funded project	10/17 – 09/19	Fritz-Thyssen-Stiftung	From Dusk till Dieselgate: A Comparison of Mobility in Germany and the United States
Third party funded project	02/19 – 06/19	Fritz-Thyssen-Stiftung	First RWI Empirical Environmental Economics Workshop: There is No Planet B - How to Stimulate Sustainable Behavior?
Third party funded project	01/14 – 04/14	German Association of the Energy and Water Industry	Quantitative panel survey on electricity consumption in private households
Third party funded project	01/20 – 05/22	German Environment Agency	Social aspects of environmental policy: Sub-project 2: Data collection
Third party funded project	12/14 – 12/14	German Steel Federation	The economic importance of the steel industry
Third party funded project	01/17 – 12/19	Innogy Foundation	Quantitative panel survey on environmental behavior in private households
Third party funded project	03/18 – 05/18	Leibniz Research Alliance "Energy Transition"	Funding for the application Eval-MAP2
Third party funded project	01/17 – 12/25	Leibniz-Association	Leibniz Research Alliance "Energy Transition"
Third party funded project	01/14 – 12/15	Mercator Foundation	Energy saving in private

project			households - a Randomized Control Trial to evaluate the effects of end consumer sensitization
Third party funded project	08/17 – 07/20	Mercator Foundation	Establishment of the Mercator Climate-Mobility Panel: evidence based on household surveys and field experiments
Third party funded project	01/20 – 12/20	Ministry for Culture and Science of the State of NRW	Digitization of sustainable behaviour
Third party funded project	01/19 – 01/19	Ministry of Economic Affairs, Innovation, Digitalization and Energy of the State of NRW	Loss of employment and value added due to an early termination of coal-fired power generation
Third party funded project	03/17 – 03/18	Ministry of Rural Areas and Consumer Protection Baden-Württemberg and the Consumer, Market and Policy Research Centre   CCMP at Zeppelin University	Meta-analysis of causal effects of behavioural economic interventions on the energy consumption of private households
Third party funded project	10/18 – 09/19	Netherlands Enterprise Agency	Impact Evaluation of the Netherlands supported Electrifying Rural Tanzania project
Third party funded project	10/18 – 11/20	Oxford Policy Management	Energy and Economic Growth in Rwanda
Third party funded project	03/19 – 09/20	Oxford Policy Management	Electricity demand forecasting in agriculture – harvesting the synergies of machine learning and survey data for electrification planning in Ethiopia
Third party funded project	04/15 – 12/16	The International Food Policy Research Institute	The water-energy-food nexus
Third party funded project	10/15 – 09/17	University of Lausanne	The role of social information, incentives and habits in household electricity consumption



#### 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>
--	--	------------	-----------

<i>5a</i>	<i>Patent, trademarks, or copyrights</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>5b</i>	<i>Others</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<i>Intellectual property</i>	<i>Description</i>

#### 6 PUBLIC STATEMENTS AND POSITIONS

	<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</i>	<b>yes</b>	<b>no</b>
--	---	------------	-----------

	<i>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>		
--	---	--	--

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

Activity	Time period (from... until month/year)	Name of legal entity or body	Description
Appelrath, H., U. Büdenbender, O. Edenhofer, J. Haucap, B. Knopf, T. Lange, C. Mayer, C. Rehtanz, Ch.M. Schmidt und M. Themann (2015), Die Energiewende europäisch integrieren. Neue Gestaltungsmöglichkeiten für die gemeinsame Energie- und Klimapolitik. acatech, Leopoldina und Akademienunion (Hrsg.). Schriftenreihe zur wissenschaftsbasierten Politikberatung München: acatech.	2015		publication
Frondel, M. und Ch.M. Schmidt (2016), Ein "Ja, aber..." zur Energiewende. bilanz.de RWI Ökonomix	2016		publication
Schmidt, Ch.M. (2016), Nationale Alleingänge beim Klimaschutz bringen wenig. Die Welt (19.11.).	2016		publication
Edenhofer, O. und Ch.M. Schmidt (2018), Eckpunkte einer CO2-Preisreform. RWI Positionen 72. Essen: RWI.	2018		publication
Frondel, M. und Ch.M. Schmidt (2018), Städte-Maut statt Fahrverbote. Die Zeit (28.03.).	2018		publication
SVR Wirtschaft (2019), Aufbruch zu einer neuen Klimapolitik – Sondergutachten. Wiesbaden: Statistisches Bundesamt.	2019		publication
Boetius, A., O. Edenhofer, B.	2019		publication

Friedrich, G. Haug, F. Kraas, W. Marquardt, J. Leohold, M. Lohse, J. Renn, F. Rösler, R. Schlögl, F. Schüth, Ch.M. Schmidt und T. Stocker (2019), Klimaziele 2030. Wege zu einer nachhaltigen Reduktion der CO2-Emissionen. Deutsche Akademie der Naturforscher Leopoldina e.V., Nationale Akademie der Wissenschaft.			
---	--	--	--

**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 (from... until month/year)</i>	<i>Name of legal entity or 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: 29/09/20

Signature:

