

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: Axel

Family name: Michaelowa

Date: 19 November 2023

Description of the Activity: SAPEA Evidence Review Report on Solar Radiation Modification

1 EMPLOYMENT CONSULTANCY AND LEGAL REPRESENTATION

	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?	<u>yes</u>	no
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<i>1a</i>	<i>Employment</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>1b</i>	<i>Consultancy, including services as an advisor</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>1c</i>	<i>Non-remunerated post</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>1d</i>	<i>Legal representation</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Senior Founding Partner	2018-Present	Perspectives Climate Group	
Senior Researcher	2018-Present	Perspectives Climate Research	
Researcher	2006-Present	Zurich University, Switzerland	
Consultant- Support of the Just Energy Transition Partnership (JET-P) in Vietnam	2023-Present	Energy Transition Partnership	
Consultant- Support of cooling sector mitigation programme development in Vietnam	2023-Present	Energy Transition Partnership	
Consultant- Support of renewable energy policy crediting under Article 6.2 in Morocco	2023-Present	GGGI	
Consultant- Support of Article 6 strategy in Vietnam	2023-Present	UNDP	
Consultant- Support of the development of a domestic voluntary carbon market registry concept for Saudi Arabia	2022-2023	CDM DNA of Saudi Arabia	
Consultant- Study of design of a carbon tax in	2022-2023	UNOPS	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Vietnam in the context of the EU carbon border adjustment mechanism			
Consultant- Support of the delegation of United Arab Emirates in COP27 negotiations and COP28 presidency	2022-2023	ADNOC	
Consultant- Support of the Youth negotiators of Tunisia in COP27 and SB58 negotiations	2022-2023	GIZ	
Consultant- Project concept preparatory mission on Just Transition and climate policy in Morocco and drafting related documentation	2022-2023	GIZ	
Consultant- Supporting the governments of Palestine, Paraguay and Peru in development of their Article 6 strategies as well as communication of Article 6-related strategies among NDCP member countries	2022-2023	NDC Partnership	
Consultant- Development of a mitigation action design document for low GHG cooling in Ghana	2022-2023	KliK Foundation	
Consultant- Support of Monaco in development of its Article 6 strategy	2022-2023	Government of Monaco	
Consultant- Baseline methodology transition from the CDM to Article 6	2022-2023	German Federal Environmental Office	
Consultant- Support of private company participation in COP27	2022	Large European energy company	
Consultant- Support of a roadmap for an Article	2022	Climeworks	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
6.2 pilot for direct air capture and mineralization in Iceland			
Consultant- Drafting of final report of Foundation for the Future of Carbon Markets	2022	Foundation for the Future of Carbon Markets	
Consultant- Study on implication of Article 6 decisions on operations of a carbon market exchange	2022	Xpansiv	
Consultant- Support of the Indian Ministry of Environment in development of an Article 6 strategy	2022	GIZ	
Consultant- Prioritization of Article 6-related activities in the agriculture, forestry, livestock and fisheries sectors	2022	FAO	
Consultant- Development of methodological concepts for additionality, baseline setting, MRV and NDC alignment in the context of the International Initiative for the development of Article 6 Methodology Tools (II-AMT)	2021-2023	Various government funders	
Consultant- Development of methodological concepts for GHG removal and carbon capture and storage under the VCS standard (CCS+ Initiative)	2021-2023	Various private sector funders	
Consultant- Mobilising carbon market and	2021-2023	Climate Works Foundation	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
climate finance for the cooling sector in Morocco under the Clean Cooling Collaborative			
Consultant- Mobilising carbon market and climate finance for the cooling sector in Ethiopia under the Clean Cooling Collaborative	2021-2023	Climate Works Foundation	
Consultant- Aspects of voluntary carbon markets in Tunisia	2021-2022	GIZ	
Consultant- Study on design of a voluntary carbon market in India	2021-2022	Bureau of Energy Efficiency	
Consultant- Methodological support of upscaling of carbon crediting under Article 6 in the context of the Climate Teams initiative	2021-2022	Environmental Defense Fund	
Consultant- Development of a methodology for assessment of adaptation beneficiaries	2021-2022	Green Climate Fund	
Consultant- Support of the delegation of Tunisia in COP26 and SB56 negotiations	2021-2022	GIZ	
Consultant- Commercial deep dive webinar on Article 6 and the international voluntary carbon market	2021		
Consultant- Support of the delegation of United Arab Emirates in COP26 negotiations	2021	ADNOC	
Consultant- Support of the delegation of Honduras in COP26 negotiations	2021	IADB	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Consultant- Study on ‘carbon handprint’ concepts for research institutions	2021	University of Zurich	
Consultant- Study on Article 6 and carbon pricing in the context of UNFCCC negotiations	2021	National Tsinghua University	
Consultant- Study on additionality determination for sustainable development impact claims of financial institutions	2021	Gold Standard	
Consultant- Support of Article 6 capacity in the East African Community	2021	GIZ	
Consultant- Study on a carbon exchange in the East African context	2021	GIZ	
Consultant- Mobilizing funding for soil carbon enhancement	2021	GIZ	
Consultant- Study on legal and political frameworks for removals under Article 6	2021	Swiss Federal Office for the Environment	
Consultant- Evaluation of proposals for NDC enhancement under the German IKI programme	2021	Zukunft - Umwelt – Gesellschaft	
Consultant- Assessment of the ART TREES standard for REDD+	2021	German Ministry of Environment	
Consultant- Issues related to best available technology and benchmark approaches for Article 6 baseline methodologies	2021	Swedish Energy Agency	
Consultant- Background document on status of UNFCCC negotiations	2021	GIZ	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
prior to COP26 for Vietnamese negotiators			
Consultant- Study on standardized approaches to additionality determination in the Peruvian context	2021	Gold Standard	
Consultant- Design of a positive list approach for Peru's Article 6 participation	2021	World Bank	
Consultant- Independent evaluation of the methodological framework proposed in mitigation activity design documents for Article 6 pilots	2021	Swedish Energy Agency	
Consultant- Design of domestic baseline and crediting system for Middle Eastern country	2021	National CDM Authority	
Consultant- Support of carbon market development of six projects	2020-2022	Large oil and gas company in Middle East	
Consultant- Support of the West African Alliance for Carbon Markets and Climate Finance	2020-2022	German Ministry of Environment	
Consultant- Support of the update of Ethiopia's Nationally Determined Contribution	2020-2021	World Bank	
Consultant- Study on baseline development for cooling sector activities in the context of the Kigali Amendment and the Paris Agreement	2020-2021	GIZ	
Consultant- Evaluation of adaptation projects in developing countries	2020-2021	German Institute for Evaluation	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
funded by German public agencies			
Consultant- Study on transformational impacts of Article 6 activities	2020-2021	German Federal Office for the Environment	
Consultant- Drafting of mitigation chapter of Biennial Update Report of Palestine	2020-2021	UNDP	
Consultant- Identifying owners of unused Certified Emission Reductions	2020-2021	Swedish Energy Agency	
Consultant- Development of a training module on international carbon markets and training of staff of Indonesian utility PLN	2020	Asian Development Bank	
Consultant- Study on the negotiations on market based instruments under the International Maritime Organization	2020	GIZ	
Consultant- Impacts of the COVID-19 crisis on mitigation policies that could be applied under Article 6	2020	Government of Norway	
Consultant- Providing expertise on international compliance and voluntary carbon markets to the Bureau of Energy Efficiency, India	2020	GIZ	
Consultant- Assessing CDM methodologies regarding their potential transition to Article 6	2020	Swedish Energy Agency	
Consultant- Development of submission of bioenergy NAMA support project for 7th call of NAMA Facility	2020	WWF	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Consultant- Support of the Ethiopian NDC revision	2020	World Bank	
Consultant- Study on nature-based solutions and international carbon markets, and related hotline	2020	Large international oil company	
Consultant- Study on status of emission trading systems around the world	2020	Temasek	
Consultant- Supporting integration of low-GHG cooling initiatives for NDC revision in Seychelles	2020	GIZ	
Consultant- Identification of policy crediting options as Article 6 pilots and definition of additionality determination	2020	Global Green Growth Institute	
Consultant- Developing robust rules and modalities for Article 6 - support to the negotiations	2019-2023	Swedish Energy Agency	
Consultant- Definitions of climate neutrality	2019-2020	German Energy Agency)	
Consultant- Carbon pricing in the Tunisian cement sector	2019-2020	UNDP	
Consultant- Article 6 support for the government of Tunisia, including a submission to KliK	2019-2020	GIZ	
Consultant- Development of a net zero emissions strategy	2019-2020	City of Zurich	
Consultant- Support of the Moroccan NDC revision and NDC tracker	2019-2020	GIZ	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Consultant- Study on Article 6 activities by cities	2019-2020	German Federal Office for the Environment	
Consultant- Support of German negotiators regarding Article 6.8	2019-2020	German Federal Office for the Environment	
Consultant- Evaluation of the German activities for support of REDD+	2019-2020	German Institute for Evaluation	
Consultant- Study on measuring impacts of NDCs of Southern Mediterranean countries	2019-2020	European Commission	
Consultant- support of diplomatic outreach of EU on adaptation issues	2019-2020	European Commission	
Consultant- Supporting the detailed preparation phase of the NAMA Facility submission of a waste NAMA Support Project in India	2019-2020	GIZ	
Consultant- Study on development of a regional emission trading scheme for Chile, Colombia and Peru under Article 6	2019-2020	ENEL	
Consultant- Study on interaction between electricity markets and market mechanisms for climate change mitigation	2019-2020	IRENA	
Consultant- Climate Change Trust Funds at the Multilateral Development Banks	2019-2020	GIZ	
Consultant- Support of criteria development for Article 6 pilot activities and assessment of submissions received under the first and second call	2019-2020	Swiss KLiK Foundation	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Consultant- Guidebook for high level negotiators on the crunch issues for Article 6 negotiations (two editions)	2019-2020	European Capacity Building Initiative	
Consultant- Opportunities to mobilize private climate finance through Article 6	2019	Swedish Energy Agency	
Consultant- Study on security policy implications of climate engineering for Switzerland	2019	Swiss Foreign Ministry	
Consultant- Methodological framework to assess GHG impacts of policies and actions for energy related sectors	2019	Rwanda Environmental Management Agency	
Consultant- Linking market mechanisms and climate finance in Africa, leading to three proposals for the Green Climate Fund and including two editions of a study on the landscape of Article 6 pilot activities	2018-2021	German International Climate Protection Initiative	
Consultant- Study on inventories and MRV systems in international and domestic climate policy systems	2018	German Free Democratic Party	
Consultant- Study on carbon pricing in Senegal	2018	West African Development Bank	
Consultant- Evaluation of the German Foundation “Future of carbon markets”	2018	KfW	
Consultant- Aspects of voluntary markets for carbon market design in India	2018	GIZ	

<i>Activity</i>	<i>time period (from... until month/year)</i>	<i>name of entity or body</i>	<i>description</i>
Consultant- Support of Togo's readiness for carbon markets under Art. 6 of the Paris Agreements	2018	West African Alliance for Carbon Markets	
Consultant- Opportunities of carbon market mechanisms under Art. 6 for Africa	2018	AfDB	
Consultant- Baselines for performance of Accredited Entities regarding GHG emissions and climate resilience	2018	Green Climate Fund	
Consultant- Concept note for Green Climate Fund	2018	Client from Middle East	
Consultant- Technical paper on mitigation co-benefits of adaptation	2018	UNFCCC Secretariat	
Consultant- Support of the Carbon Market Mechanisms Working Group	2017-Present	German Ministry of Environment	
Consultant- Studies on aspects of global carbon market mechanisms, including additionality determination and criteria for CORSIA eligible credits	2017- 2020	GIZ	
Consultant- Support of Moroccan delegation in the UNFCCC negotiations	2017-2019	GIZ	
Consultant- Study on carbon tax in Vietnam	2017-2018	UNDP	
Consultant- Sustainable development impacts of climate engineering	2017-2018	Climate Strategies	
Consultant- Supporting the design of evaluation of carbon finance at the World Bank Group	2016-2018	Independent Evaluation Group, World Bank	

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

	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?	<u>yes</u>	no
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<i>2a</i>	<i>Participation in a decision-making process</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>2b</i>	<i>Participation in the work of a Scientific Advisory Body</i>	<input checked="" type="checkbox"/>	<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>
Member of the Advisory Board for the American Geophysical Union (AGU)'s initiative towards development and adoption of an Ethical Framework for Climate Intervention Research	2023-Present	American Geophysical Union (AGU)	
Member of the Article 6.4 mechanism Roster of experts under the UNFCCC for methodologies and climate policy matters	2023-Present	UNFCCC	
Member of the advisory board of the LIFE COASE project of the European University Institute	2023-Present	European University Institute	
Vice Chair of Methodologies Panel of Adaptation Benefits Mechanism Executive Committee	2021-Present	Adaptation Benefits Mechanism Executive Committee	
Member of the International Research Council of the Decarbonization Chair at	2021-Present	University of Quebec in Montreal	

the University of Quebec in Montreal			
Author of a policy briefs on green/blue hydrogen under the Think Tank 20 (T20) initiative under the G20 presidency of Italy	2021-Present	Think Tank 20 (T20) initiative under the G20 presidency of Italy	
Member of the editorial board	2020-Present	Journal “International Environmental Agreements”	
Member of the editorial board	2020-Present	“Chinese Journal of Population, Resources and Environment”	
Author of a policy brief on climate clubs under the Think Tank 7 (T7) initiative under the G7 presidency of Germany	2022	Think Tank 7 (T7) initiative under the G7 presidency of Germany	
Author of a policy brief on green/blue hydrogen under the Think Tank 20 (T20) initiative under the G20 presidency of Saudi Arabia	2022	Think Tank 20 (T20) initiative under the G20 presidency of Saudi Arabia	
Author of a policy brief on climate clubs under the Think Tank 7 (T7) initiative under the G7 presidency of Germany	2022	Think Tank 7 (T7) initiative under the G7 presidency of Germany	
Lead author of two policy briefs on green/blue hydrogen and climate friendly recovery from COVID-19 under the Think Tank 20 (T20) initiative under the G20 presidency of Saudi Arabia	2020	Think Tank 20 (T20) initiative under the G20 presidency of Saudi Arabia	

3 RESEARCH SUPPORT

	Within the past 5 years, have you, or the research entity (institute or department) to which you belong, received any support from a legal	<u>yes</u>	no
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	entity or other body with an interest in the field of Activities in question?		
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3a	<i>Research support, including grants, rents, sponsorships, fellowships, non-monetary support</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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<i>Activity</i>	<i>Time period (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>
Policy and ethics of CO2 removal (CDR-PoEt)	2021-2024	German Ministry of the Environment	
Demonstration and upscaling of carbon dioxide management solutions for our net-zero future, DemoUpCARMA)	2021-2023	Swiss Federal Office for Energy	
What international negotiators promise and domestic policymakers adopt: Policy and politics in the multi-level climate change regime	2021-2022	Swiss Network for International Studies	
Negative emission technologies: readiness assessment, policy instrument design, options for governance and dialogue (NETRAPIDO)	2018-2021	Swedish Energy Agency	
Designing Effective Regulation for Carbon Markets at the International, National and Regional Level	2018-2020	Swiss Network for International Studies	
Effectiveness of Partnerships for Sustainable Development – Behavioral Pathways and Impacts	2017-2019	Swiss Network for International Studies	
Transformative increase of ambition – the contribution of effective	2017-2018	German Ministry of Research	

<i>Activity</i>	<i>Time period (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>
climate policy instruments			
Private sector finance for NDC implementation in Sub-Saharan Africa	2017-2018	Swedish Energy Agency	

4 FINANCIAL INTERESTS

	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?	<u>yes</u>	no
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<i>4a</i>	<i>Shares</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>4b</i>	<i>Other stock</i>	<input type="checkbox"/>	<input type="checkbox"/>

<i>Investment</i>	<i>Name of legal entity</i>	<i>Description</i>
Shareholder	Perspectives Climate Group (Germany)	Shares > 5%
Shareholder	Differ Community Power (Norway)	Shares >10,000 €
Shareholder	Ecotech Pvt. Ltd (India)	Shares >10,000 €

5 INTELLECTUAL PROPERTY

	Do you have any intellectual property rights that might be affected by the outcome of the Activities in question?	yes	<u>no</u>
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<i>5a</i>	<i>Patent, trademarks, or copyrights</i>	<input type="checkbox"/>	<input type="checkbox"/>
<i>5b</i>	<i>Others</i>	<input type="checkbox"/>	<input type="checkbox"/>

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

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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 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>	<u>yes</u>	no
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6a	For a legal entity or other body as part of a regulatory, legislative or judicial process	<input type="checkbox"/>	<input type="checkbox"/>
6b	Represented interests or defended an opinion	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Activity	Time period (from... until month/year)	Name of legal entity or body	Description
Co-signatory of the call for balance in research and assessment of solar radiation modification. http://call-for-balance.com	2023		

7 INTERESTS OF IMMEDIATE FAMILY MEMBERS **yes** **no**

7a	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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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<i>Interests</i>	<i>Time period (from... until month/year)</i>	<i>Name of legal entity or body</i>	<i>Description</i>

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7b	<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>
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8 OTHER RELEVANT INFORMATION yes **no**

8a	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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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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: 19 November 2023

Signature:

