



INTERNATIONAL ASSOCIATION  
FOR THE ADVANCEMENT  
OF INNOVATIVE APPROACHES  
TO GLOBAL CHALLENGES

A UNFCCC and UN ECOSOC accredited  
Civil Society Organization based in Austria



GloCha - A New Multistakeholder Partnership  
for Global Climate Action Empowerment  
designed by IAAI

Klagenfurt am Wörthersee & New York City, 15 February 2020

## Action for Climate Empowerment - Getting Everyone Engaged in Climate Action

with

- A **Global Climate Action Pact & Individual Climate Action Dashboards**
- A Digital Coordinates System for **Global Challenges Mapping**
- **Data and Digital Innovation Infrastructure (D2I2) & COP26 Digital Pavilion**
- **Climate Philanthropy Innovation**

This is a submission to the **UNFCCC consultation on Action for Climate Empowerment (ACE)**: "Information on activities to support the implementation of the Doha work programme and Action for Climate Empowerment, as well as recommendations and views on future work to enhance the implementation of Article 6 of the Convention and Article 12 of the Paris Agreement", Decision 15/CP.25, paragraph 3

Dear ladies and gentlemen,

our UNFCCC and UN ECOSOC accredited observer organization **IAAI** [www.glocha.info](http://www.glocha.info) is delighted to provide with this submission **recommendations for the future of the UNFCCC Action for Climate Empowerment programme** as well as information about relevant **contributions from our organization** in this field. This submission complements our submission to the UNFCCC consultation on the **Marrakech Partnership for Global Climate Action** in March 2019 ([https://www4.unfccc.int/sites/SubmissionsStaging/Documents/201903111220---IAAI GloCha submission UNFCCC MarrakechPartnership GCA 4March2019.pdf](https://www4.unfccc.int/sites/SubmissionsStaging/Documents/201903111220---IAAI%20GloCha%20submission%20UNFCCC%20MarrakechPartnership%20GCA%204March2019.pdf))

- Recommendation 1: Enhance collaboration with **non-party stakeholders** (in partnership with **ECOS**)
- Recommendation 2: Harness synergy potentials with the **European Green Deal, European Climate Pact** and related **data and digital innovation infrastructure** development (in cooperation with the **D2I2 – Data and Digital Innovation Infrastructure** and **COP26 digital pavilion** initiative of IAAI and the Climate Chain Coalition et al.)
- Recommendation 3: Create meaningful and rewarding **engagement opportunities for everyone** (**Global Challenges Mapping** and **Global Climate Action Pact**) and develop engagement **tools** (**Individual Climate Action Dashboards**) harnessing the potentials of digital innovation
- Recommendation 4: Encourage and facilitate **climate philanthropy innovation** (in cooperation with D2I2 and **#GiveYouthAChance** initiatives of IAAI)

<p><b>Our contribution 1:</b></p> <p>For the enhanced collaboration of the UNFCCC process with <b>non-party stakeholders</b></p>	<p>IAAI is a founding member of <b>ECOS – the Climate Change Education, Communication and Outreach Stakeholders Community</b> <a href="https://climateecos.org/">https://climateecos.org/</a> which has been recognized by the UNFCCC secretariat as an informal UNFCCC NGO group at COP22. IAAI is convinced that ECOS is well designed to become a leading bridgebuilder between the UNFCCC process and non-party stakeholders in the field of Action for Climate Empowerment and IAAI is committed to support the work of ECOS in all its dimensions.</p>
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## Our contribution 2:

Harnessing synergy potentials with **European Green Deal, European Climate Pact** and related **data and digital innovation infrastructure** development - **D2I2 – Data and Digital Innovation Infrastructure** and **COP26 digital pavilion**

IAAI is one of the founders of the “**Digital Innovation Community within the UNFCCC process**” (recognition as “informal NGO group” by the UNFCCC secretariat pending). This community is working with the multistakeholder platforms **Climate Chain Coalition** [www.climatechaincoalition.io](http://www.climatechaincoalition.io) and **INATBA** (International Association of Trusted Blockchain Applications) <https://inatba.org/> on [advising the European Commission](#) (especially the Directorate General ‘Digital Single Market’) and the UNFCCC secretariat and member states on harnessing digital innovation for empowerment of multistakeholder climate action.



<https://unfccc-cop25.streamworld.de/webcast/iaai-briefing-digital-innovation-community>

This Digital Innovation Community is developing the concept for **D2I2 – a global data and digital innovation infrastructure for multistakeholder climate action coordination and incentivization** – that breaks down institutional and sectoral silos and connects all relevant public and private climate action stakeholders with shared data standards and agreement systems, interoperability functions, legislative provisions for environmental reporting, inclusion of citizen science etc.

The D2I2 consortium believes that the **European Union** has for the implementation of the European Green Deal, the European Climate Pact and its Circular Economy systemic transformation ambitions very similar data and digital innovation infrastructure needs and that the global digital innovation community shall help EU stakeholders to develop appropriate, well-resourced and effective digital tools for multistakeholder climate action empowerment and corresponding enabling digital public services, which can then be adopted also by other countries, who might not have the financial and technical capacities of a stakeholder like the EU, for Paris agreement implementation.

A first concrete step of the D2I2 consortium towards building the global data and digital innovation infrastructure is the **Unique Object Identification** use case proposal, submitted to the **European Blockchain Services Infrastructure** <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/EBSI> early 2020. This blockchain based Unique Object Identification is – together with digital identities of persons and institutions – a key element of a **digital climate action documentation and coordination language and coordination system**, that will enable the development of a concrete digital **European/Global Climate Pact platform** through which (young) people and institutions (e.g. cities, schools and companies) will be able to specify and sign digitally their **pledges** and **climate action suggestions** with concrete monitoring-able information with all relevant parameters uniquely identified. Some kind of platform for the mapping of the local and global action space for climate action and building blocks of a **new international digital language for climate action**.

The second flagship initiative of the digital innovation community is the plan to have at the **COP26 a digital pavilion**, showcasing digital solutions for multistakeholder climate action empowerment (see Annex 1)

<p><b>Our contribution 3:</b></p> <p>Creating <b>engagement opportunities</b> and <b>digital tools</b>, in synergy with <b>European Green Deal</b> and <b>European Climate Pact</b> related <b>data and digital innovation infrastructure</b> development</p>	<p>Building on the D2I2 digital coordinates system IAAI is planning to organize a <b>“Global Challenges Mapping” youth workshop and conference</b> in Austria in the run-up to the Bonn UN Climate Change Conference 2020 / SB52 and the COP26 in Glasgow. At this event, which is going to have also a strong virtual participation component, young climate action leaders together with D2I2 digital innovation leaders and other stakeholders will design collaboratively a <b>Global Challenges mapping platform and tools</b> (like e.g. <b>Individual Climate Action Dashboards</b>), which will build on the above mentioned EBSI compatible digital coordinates system, complemented with new, <b>social innovation enabling, digital climate action language elements</b> like <b>"uniquely identified climate challenges"</b> and <b>"challenges communities"</b> which can use <b>smart contracts</b>, DAOs etc. to get climate action on local as well as global level coordinated and incentivized through <b>digital challenge maps</b> and <b>digital pacts</b>.</p> <p>Through such a global challenges mapping platform <b>individuals, schools, cities</b> and <b>companies</b> will be empowered to sign in a digital format a European/global <b>climate pact</b>, specifying intended and recommended <b>climate action</b> with <b>digital identities</b>, uniquely identified and localized <b>objects, services, resources</b> and <b>outcomes</b>, thus enabling multistakeholder action for climate empowerment.</p> <p>In order to get public awareness of the potentials of digital innovation for Action for Climate Empowerment raised beyond the UNFCCC process, also within the <b>UN system community in New York</b>, IAAI is organizing a <b>“Digital Innovation for Youth Engagement in Agenda2030 Implementation and Climate Action”</b> side event to the UN Commission on Social Development on <b>Monday 17<sup>th</sup> February 2020</b> (see Annex 2 for details). There we will discuss also the relevance of the Global Challenges mapping platform for UN system outreach innovation in the context of the <b>75<sup>th</sup> anniversary of the United Nations Organization</b>.</p>
<p><b>Our contribution 4:</b></p> <p><b>climate philanthropy innovation</b></p>  <p>Photo: Henk Rogers (right) sponsoring and opening the <a href="#">ECOS and digital innovation community reception at COP25</a></p>	<p>As has been highlighted by the submission of ECOS to this Action for Climate Empowerment consultation, <b>resource constraints</b> are one of the main challenges to action for climate empowerment on scale. IAAI is working on <b>large scale resource mobilization for youth climate action empowerment</b> since years (for more info please watch the video of our GCAS affiliated climate philanthropy meeting in San Francisco in September 2018 <a href="https://youtu.be/MuZfvQw7Qy4">https://youtu.be/MuZfvQw7Qy4</a> and follow the hashtag <b>#GiveYouthAChance</b> and <b>#GloCha</b>). With <b>Henk Rogers</b>, the founder of Blue Planet Foundation and <b>Blue Planet Alliance</b> we are exploring possibilities with the UNFCCC Resource Mobilization and Partnerships team to organize in the run-up to SB52, NY Climate Week and COP26 in Glasgow a series of climate philanthropy leadership meetings which will provide high impact engagement opportunities for resource holders in the context of UN aligned global climate action and build bridges between resources and high impact climate action. Partners welcome!</p>

Yours faithfully



Dr. Miroslav Polzer,  
executive director of IAAI and chair of the board of directors of GloCha Foundation NYC



Potential additional partners:

INATBA / EC  
 Climate KIC  
 Blue Planet Foundation  
 UNFCCC ACE

# COP26 Digital Pavilion

Getting Everyone Engaged in Climate Action  
 with Digital Innovation



<b>Why?</b>	<p><b>Digital innovation</b> (blockchain/DLT, Artificial Intelligence, IoT, ..)</p> <p>1) is a high potential <b>enabler of coordination and incentivization of multistakeholder climate action</b>. COP26 delegates need to have a space/pavilion where they can</p> <p>a) <b>learn</b> about how digital technologies can help enhance Paris Agreement Implementation (plus topics like <a href="#">Global Data Commons</a>, ... ), and</p> <p>b) <b>discuss</b> potential risks of technology deployment as well as related technology governance issues</p> <p>2) offers new opportunities to <b>empower all members of society to engage in climate action</b>, through education, training, public awareness, public participation, public access to information, and international cooperation on these issues (= <a href="#">UNFCCC Action for Climate Empowerment</a>).</p>
<b>What?</b>	<p>1. <b>Physical:</b> About 200 square meters pavilion in the <b>Blue Zone</b> of the <b>UN Climate Change Conference COP26 in Glasgow in November 2020</b> with dedicated areas for</p> <ul style="list-style-type: none"> <li>digital innovation <b>showcasing</b> (selection of technologies based on open and participatory <b>online consultations</b> and expert opinion within <a href="#">Climate Chain Coalition</a>, <a href="#">Digital Innovation Community DICO</a>, <a href="#">INATBA</a> and UNFCCC)</li> <li><b>event space</b> (podium and chairs for about 60-80 people)</li> <li>digital innovation for <b>youth engagement</b> and <b>public participation</b> space (<b>virtual</b> participation tools for connecting people without UNFCCC accreditation with COP26 delegates, <b>individual climate action dashboard</b> and <b>app</b> (in cooperation with the <a href="#">UNFCCC Action for Climate Empowerment program ACE</a>, <a href="#">UNFCCC Climate Neutral Now</a> and linked also to European Climate Pact/<a href="#">European Green Deal</a>)</li> <li>training and capacity building on particular topics and existing solutions (Blockchain for Climate Action and Climate Finance, AI for Climate Action, <a href="#">European Blockchain Services Infrastructure</a>, <a href="#">Yale Open Climate</a>, ..)</li> </ul> <p>2. <b>Virtual</b> Digital pavilion – public participation programs, information and communication technology tools and worldwide satellite events linked to the digital pavilion in Glasgow</p>
<b>Who?</b>	<p><b>Partnership:</b> Climate Chain Coalition, INATBA, European Commission, IAAI GloCha et al.</p> <p><b>Management:</b> Dr. <b>Miroslav Polzer IAAI</b> (International Association for the Advancement of Innovative Approaches to Global Challenges) as EU team leader and Events team leader of the <a href="#">Climate Chain Coalition</a>, co-focal point of <b>DICO</b> (the Digital Innovation community within the UNFCCC process) and <b>D212</b> sub-group chair sub-group <b>I2D2</b> (Innovation Infrastructure for multistakeholder climate action based on data and digital technologies) of joint <b>CCC &amp; INATBA</b> Climate Action Working Group</p> <p><b>Design:</b></p> <p><b>Funding:</b> EU, Member states (UK, Germany, Austria, Slovenia, Canada, ..), private sector (no funding secured yet as of 24 January 2020)</p>
<b>Budget</b>	<p>Minimum funding: <b>500 000 €</b> (150 000 exhibit space rental, 50 000 pavilion construction and tech services, 150 000 staff costs, 150 000 cost of programs at the pavilion), details of the cost structure will be provided once the design work.</p>

<p><b>Event Space</b>  <b>Conference Room</b>          (60-80 pax)</p>	<p><b>Youth engagement and public participation</b></p>
<p>Digital Innovation          Solutions <b>Showcasing</b></p>	<p><b>Training and Capacity Building for COP26 delegates</b></p>



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## Digital Innovation for Youth Engagement in Agenda2030 Implementation and Climate Action

Monday 17<sup>th</sup> February 2020, 1.15 – 2.30 PM, United Nations Headquarters New York, Conference Room C



Photo: Digital Innovation Community morning meeting at COP25 in Madrid, December 2019

### Rationale

Digital innovation like blockchain technology/distributed ledger technology (DLT), artificial intelligence et al. open up new opportunities for multistakeholder engagement in Agenda2030 implementation and climate action.

The Austria based UN accredited (UN ECOSOC, DGC, UNFCCC) civil society organization IAAI with its multistakeholder partnership GloCha is a thematic leader in harnessing the potentials of digital innovation for meaningful and rewarding engagement of youth in sustainable development goals implementation in partnership with UN institutions and programs. (example joint side event with UNIDO and UN DESA at CSocD58 in January 2018 on “Social entrepreneurship for the SDGs through block-chain and crypto-currency” <https://www.un.org/webcast/pdfs/180131pm-unido-undesa.pdf> and press conference on youth climate action innovation at UNFCCC climate change conference COP25 in Madrid in December 2019 <https://unfccc-cop25.streamworld.de/webcast/youth-climate-action-innovation>).

At the center of this side event there will be a presentation and discussion of the **Data and Digital Innovation Infrastructure for Climate Action initiative (D2I2)** of [GloCha](#) and the [Climate Chain Coalition \(CCC\)](#). D2I2 aims to provide the enabling digital ecosystem and tools that will radically enhance youth empowerment for climate action in the context of the European Green Deal /European Climate Pact & Agenda2030 and Paris Agreement. Young climate action leaders, cooperation partners et al. will discuss the relevance of the initiative for global youth and the UN system in the context of its 75th anniversary #UN75.

*Through new technologies, I also want to transform the way the UN communicates and interacts with the external world.*

Antonio Guterres, UN Secretary General in: [UN Secretary-General's Strategy on New Technologies](https://www.un.org/en/newtechnologies/images/pdf/SGs-Strategy-on-New-Technologies.pdf)  
<https://www.un.org/en/newtechnologies/images/pdf/SGs-Strategy-on-New-Technologies.pdf>

### Speakers

- **Yu Ping Chan**, Senior Programme Officer, Office of the Under-Secretary General and Special Advisor on Preparations for the 75th UN Anniversary & the High Level Panel on Digital Cooperation
- **Xiye Bastida**, 17 year old Climate Justice Activist, Fridays for Future New York @xiyebastida @f4f\_nyc (video message)
- **Vienna Looi**, UN RebootTheEarth winner, Bowl.eco, COALA.global, Stanford CodeX/Zero Degree Project, Economic Space Agency @viennazero (video conference)
- **Ali Mustafa**, youth delegate, IAAI GloCha, Co-Chairperson for the Youth Sub-Committee, 68th United Nations Civil Society Conference, Founder of Generation Next - Youth Climate Action Network @smalimustafa
- **Eileen Doohan**, director, GloCha Foundation New York @technoterrain
- **Francisco Benedito**, ClimateTrade @ceoclimatetrade
- **Henk Rogers**, Blue Planet Alliance, Climate Philanthropy Leadership initiative @henkrogers
- **Jo Bronckers**, FIBREE – Foundation for International Blockchain and Real Estate Expertise, D2I2 UOI (video conference)
- Representatives of Permanent Missions

**Moderator:** **Miroslav Polzer**, secretary general of IAAI, founder of GloCha, EU team leader CCC @glocha\_mp

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