



COP²⁸
UAE



DIGITAL
INNOVATION
PAVILION

12 DECEMBER
10:30AM GST

ZONE B7
BLDG. 88, PAV.8

WORKSHOP

Cryptostamps & resource mobilization
for (youth) climate action with
Dubai Blockchain Center



#DIP2023

Agenda

- Dr. Miroslav Polzer: - introduction to Web3 / NFTs / Cryptostamps and resource mobilization for youth climate action
- dr. Marwan and UAE post authority person: - sharing of experiences with cryptostamps in UAE
- Dr. Miroslav Polzer - presentation of an outline for a potential joint action plan for Cryptostamps for youth climate action empowerment in the context of the Un Summit of the Future in NYC in Sept 2024
- discussion

Blockchain Technology and Digital Finance For Climate Neutral Cities and Citizens

New Thinking and Transformative
Action for a Better World



Made in
Kärnten
Koroška | Carinthia

PATHWAYS TO A GOOD LIFE

GloCha PRESENTS



CRYPTO STAMPS



INTERNATIONAL ASSOCIATION
FOR THE ADVANCEMENT
OF INNOVATIVE APPROACHES
TO GLOBAL CHALLENGES



Miroslav Polzer
CEO of IAAI
chairperson GloCha Fdt. NY
Strategic director Climate Chain Coalition



**CLIMATE
CHAIN
COALITION**

About IAAI

International Association for the Advancement of Innovative Approaches to Global Challenges IAAI

- UN accredited civil society organization / association under Austrian law, based in Klagenfurt/Kärnten/Austria
- Building the Global Challenges Action Empowerment ecosystem **GloCha** with Culture, Technology and Organisational Innovation being key pillars

Vision: **Empowering everyone, everywhere to take meaningful and rewarding climate action**

Theory of Change: **Knowledge** is the key ingredient/success factor Deep socio-economic transformation to low carbon societies and economies (enabling cultural, social, digital innovation)



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ABOUT CLIMATE CHAIN COALITION

LEADING GLOBAL MULTI-STAKEHOLDER COLLABORATIVE NETWORK FOR TRANSFORMATIVE

DIGITAL CLIMATE INNOVATIONS

The Climate Chain Coalition (CCC) was launched in 2017 with the support of the UNFCCC Secretariat as an open global multi-stakeholder collaborative network to synergize and amplify efforts with CCC Members and Partners to co-develop digitally-enabled innovative solutions that empower stakeholders to achieve ambitious climate action goals. As of COP27 2022, the CCC has grown to 360+ organizations in 69

COUNTRIES OFFICIAL OBSERVER ORGANIZATION OF



United Nations Climate Change

The screenshot shows a Google My Maps interface. The title is "Members of the Climate C...". The left sidebar contains a list of members, including "Climate Chain Coalition Secretariat", "Adaptation Ledger", "Climate-KIC", and "Blockchain for Climate Foundation", with a note "... 361 more". The main map area shows a world map with numerous blue location pins distributed across all continents. A notification at the top of the map says "This map was created by a user. Learn how to create your own." The bottom of the map shows "Map data ©2023", "Terms", "5,000 km", and "Keyboard shortcuts".

Data and Digital Innovation Infrastructure and Digital Finance Tools for climate neutral cities and citizens



- Digital Pact App – Individual Climate Action Dashboard
- (Digital) Climate Action Communities
- Citizens' Climate Action Outcome certification
- **Digital Finance /Cryptostamps**
- Global Climate Action Reporting Language & Registry (with Unique Object Identification, Unique Outcome Identification, ..)





Climate Chain Coalition



Non-swimming
Just One's Swim
Prize of the DigitalClimate 0026 Art Competition

Developing Tools for local SDG / Climate Action



IAAI CHALLENGES MAPPING APP FOR CITIZENS' ENGAGEMENT IN JUST ENERGY TRANSITION

developed in the context of the EU INTERREG Central Europe project JETforCE.



DIGITALART4CLIMATE COCREATION HUB

Web3 technology based innovative climate action learning and digital skills development programme.

GLOBAL CHALLENGES ACTION ID

Creation of a unique visual personal global challenges action identifier based on personal ranking of SDGs, combined with minting of a unique NFT that can serve as starting point for self-sovereign digital identity and global challenges registry entries management.



GLOCHA GLOBAL CHALLENGES ACTION REGISTRY

Documenting Resources, Action and Impact of Individuals and organizations and their interrelations.



LOCALIZING THE SDGs

The Future of Global Climate Action:

A GloCha #GoodLife App (Individual Climate Action Dashboard)
on Everyone's Mobile Device

Individual Climate Neutrality as a Digital Badges Collection Game



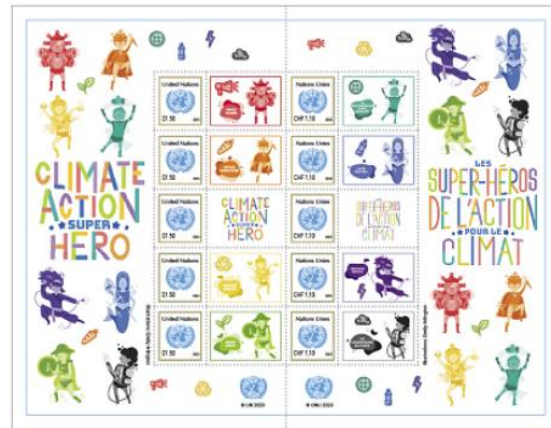
The Challenge

Young
Entrepreneurial
People have ideas
and are willing to
take action but
lack resources

People want to take action to fight climate
crisis and want to invest their (financial)
resources, but don't know how

Cryptostamps

Fundraising



<https://www.un.org/en/delegate/un-stamps-promote-climate-action-superheroes>

Harnessing the full potentials of Cryptostamps for
climate action empowerment

Bring #GoodLife and Future Proof Communities to Your City with Cryptostamps

Outcomes of climate action (emission reduction, adaptation, health, intellectual resources, ..)

Individual Climate Action Dashboard



Global Citizen



Purchasing of **crypto stamp** conventionally -
-> connecting with digital stamp token via QR code

Purchasing of crypto stamp on blockchain -> receiving stamp token immediately on digital wallet

Digital wallet

Registration of contribution on **GloCha Climate Action Registry**

Registration of **voting and other rights** of stamp token owners,

Attribution of outcomes

Digital communities, defining decision making process, voting token allocation, climate action outcome evaluation, verification and certification based on GloCha global framework

Climate Action Implementer - youth

Climate Action Implementer - entrepreneur

Climate Action Implementer - city

Climate Action Implementer - citizen scientist

Climate Action Implementer - artist/musician

Marketplace - Minting and trading of **climate action story or outcome tokens** with information that is available on global registry

UN NAZCA Non-State Actors' Climate Action Data Portal

National Non-State Actors' Climate Action Data Portal and Interface to Taxation related Public Services

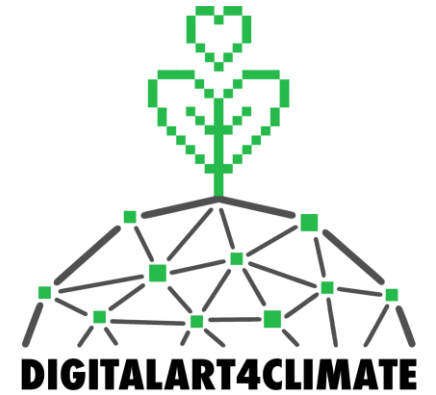
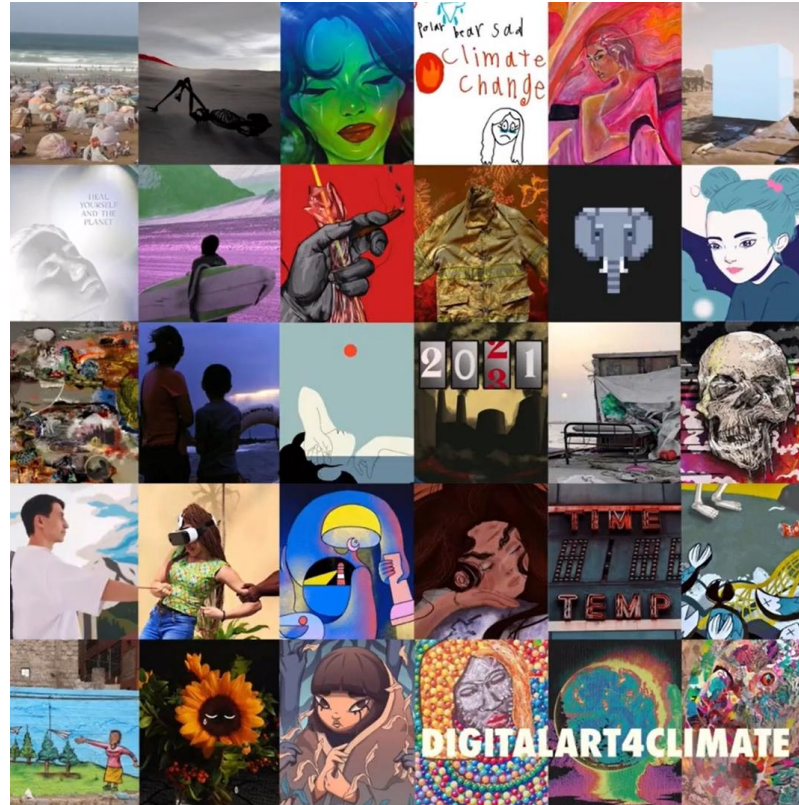
<https://youtu.be/b9ITBcGIQe4>



Adding some Magic – DigitalArt4Climate

DigitalArt4Climate (DA4C)

The world's leading UN associated NFT initiative



<https://digitalart4climate.space/>

<https://unfccc-cop26.streamworld.de/webcast/iaai-digitalart4climate>

DigitalArt4Climate (<https://digitalart4climate.space/>) is one of the flagship initiatives of IAAI GloCha

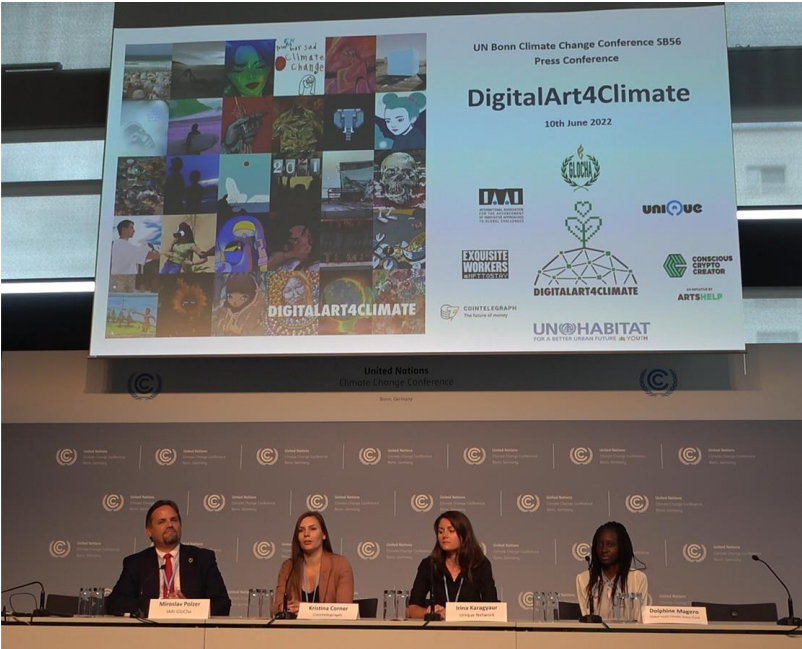
- (1) **climate awareness raising** and **public participation** through a global art competition and
- (2) **resource mobilization innovation** for youth focused Action for Climate Empowerment based on blockchain technology (Non-Fungible Tokens/NFTs)



DigitalArt4Climate – Some highlights



FILIPINO WINS COP26 DIGITAL ART COMPETITION



NFT Technology: Empowering Citizens / Youth to become agents of change:

Meaningful and Rewarding Climate Action as a NFT/ Digital Badges Collection Game and educational tool in which **action, impact and learning outcomes** are registered in a global registry and turned into digital assets that can be collected and traded on an individual (or class/school) dashboard.



GloCha: An Individual Climate Action Dashboard app on everyone's Mobile Device

Transforming NFTs into Impact

HI PE 2023 SNG Learning Sector #3

NFTs Registry

The key to individual global goals "impact" management

<https://bit.ly/GloCharegistry>

A climate safe future and a peaceful and good life for all can be secured only if people everywhere contribute to the local and global common good in a meaningful and rewarding manner.

GloCha is the movement and the community of those working for a just and liveable planet earth, it is a cultural, economic and socio-technical ecosystem that recognizes and rewards action of individuals.

This registry is the starting point of a global decentralized ledger, which will document and connect people, resources, action and impact so that individuals can build their verified, certified and registered legacy.

Although the GloCha journey has started already back in 2007 with the formation of the UN accredited civil society organization IAAI, this registry deliberately starts its records with the entries of the DigitalArt4Climate initiative

The first entries of the GloCha Registry are the entries of the DigitalArt4Climate COP26 collection.

After the DigitalArt4Climate COP26 NFT sales, there will be added new entries to the registry, which will identify (through the public key of a digital wallet or with the actual name) the buyer of the NFT - the provider of financial resources for action for climate empowerment.

Then there will be entered digital IDs for projects and project outcomes.

For the contributors of resources this GloCha registry will be the platform through which they will receive entitlements for participation in GloCha programs DAO governance and attribution of specific project outcomes that have been enabled by their contributions.

IAAI GloCha will work with UN entities, like the UN Habitat Youth programme as well as the UN Climate Change Global Climate Action Data portal towards recognition of this registry as trusted source of information of non-state actors' to action for climate empowerment

Registry number	Resource/ Action/ Contribution	Type of resource/ action/ contribution	Contributor	Digital ID	details about the contribution	localization/ geo info	Verified by	NFT identifier	storage/ IPFS	Relation to other registry entries	
										enabled by	enabling
0001DA4C2022	No Noah for next flood	video	Souki Belghiti		finalist of the DigitalArt4Climate COP26 Art Competition	Morocco	Miroslav Polzer	https://dafc.unique.network/token/447/2			
0002DA4C2022	Shame	image	Mehran Yazdi		finalist of the DigitalArt4Climate COP26 Art Competition	Iran	Miroslav Polzer				
0003DA4C2022	Team Earth	image	Ana Đačanin		finalist of the DigitalArt4Climate COP26 Art Competition	Serbia	Miroslav Polzer				

GloCha opportunities

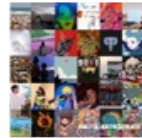
- UN HQ NY



DigitalArt4Climate CoCreation Center/Hub For Climate Action Learning and Digital Skills Development

CoCreation Center/Hub content:

- **Inspiration:** DA4C COP28 edition artwork
- **Knowledge:** Info about SDGs ([SDGs cubes](#))
- Hands-on-area / **Learning by doing:**
 - o build your [Global Challenges Action ID](#) ([heptadecimal code](#))
 - o get your **unique GloCha ID NFT** for self-sovereign **digital identity management** based on your choice of SDGs
 - o get your **real world Global Challenges Action ID card** (with NFC & NFT)
 - o set up your blockchain/digital assets **wallet** (multichain solution)
- GITEX Impact / COP28 **Proof of Attendance Protocol (POAP) NFT** based on individual, AI generated, artwork - NFT Selfie-Maker (Mastercard example)
- start building your **individual SDGs/Climate action legacy** by **registering your GITEX/COP POAP** in the GloCha Global Challenges action **registry**
- visit the DA4C CoCreationHub in the **Metaverse** (corner with several **Oculus VR** sets, virtual DA4C CoCreationHub will be set up by Slovenian company Reeba, who is also partner for [COP in the Metaverse](#) plans for COP28 Digital Innovation pavilion and COP28 edition [DA4C virtual gallery](#))
- Section for **organizers:** bring a **DigitalArt4Climate CoCreation Hub to your event/school/city** (connect and build **digital communities** ([organization](#), location, interests or challenges based)) (*Optional – next level*)



DGs
ARNING



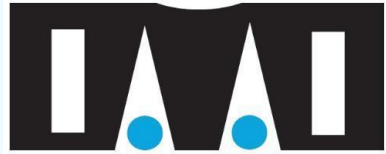
DA4C CoCreation Hub plans for COP28



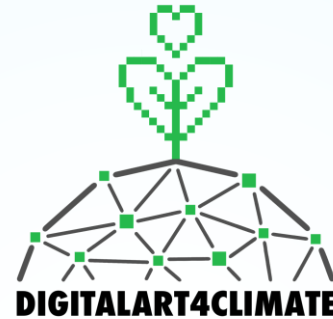
- Partnerships formation and preparation of the call and logistics at **CoCreation festival/Workshop series conference and DA4C exhibit at UN HQ NY** in Sept. 2023,
- **DA4C Edutainment hub @ [GITEX Impact](#)** in Dubai UAE 16-20 October 2023,
- Exhibit, NFT drop and edutainment hub programs at **COP28 Digital Innovation pavilion**,
- DA4C stories in the **Metaverse** (MetaCOP),
- citizen climate action **app**
- Cryptostamps and other **Resource Mobilization innovations**

Wanted!

- Education experts,
- digital skills developers,
- resource holders
- climate action mass mobilization strategists



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www.digitalart4climate.space

www.glocha.info

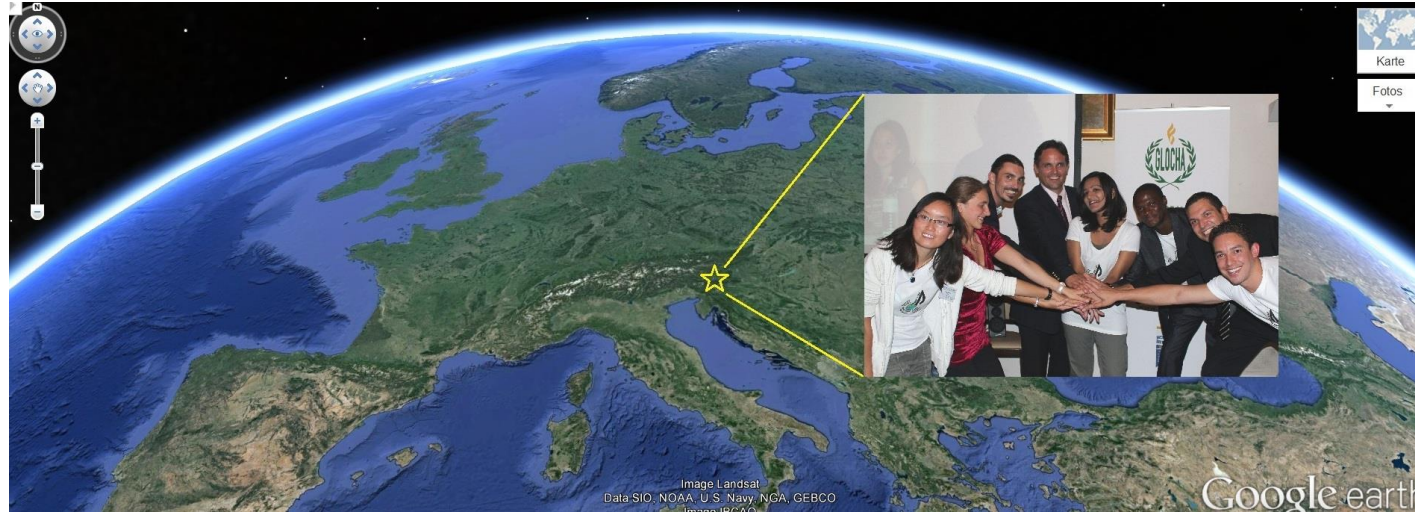
polzer@glocha.info

www.linkedin.com/in/miropolzer/

There is hope – because there is GloCha



Dr. Miroslav Polzer
Polzer@glocha.info
[@glocha_mp](https://twitter.com/glocha_mp)



www.glocha.info
www.climatechaincoalition.io/
<https://climateecos.org/>