INATBA

**International Association for
Trusted Blockchain Applications**

INATBA General Assembly

10,06,2020

Working Groups Co-Chairs Presentations

Climate Action WG
Objectives & Outputs

- **Objectives**
  - Current priority is to coordinate with Social Impact WG in the planning of joint activities including subgroups (e.g. climate/sustainable finance) and research (e.g. landscape survey)
  - Research carbon footprint of blockchains and pathway to transition to more climate-friendly options
  - Coordinate with stakeholders to identify solutions to advance "actionable" projects with tangible results in the short-medium term
  - Support capacity building about blockchain for the climate community, and about climate for the blockchain community

Education WG
Objectives & Outputs

- **Objectives**
  - Enhance knowledge on how to educate on blockchain in different sectors and targets
  - Enhance clarity on the institutions that deliver educational paths on the technology
  - Increase clarity on how Blockchain operates in Education

- **Outputs 2020**
  - We are synergizing with vertical WGs to define curricula for specific industries (e.g. Energy)
  - Proposal of curricula for the training of the defined targets (managers, students, technical personnel)
  - Roundtable on June 4: *Education on Blockchain: Which Content and Targets Ensure the Best Blockchain and DLT Applications?*

Co-chair: Margherita Leder

Energy WG
Objectives & Outputs

- **Objectives**
  - **Analysis:** Analyze the DLT energy ecosystem (e.g. Questionnaire);
  - **Creation:** Develop DLT in energy community standards and defining requirements (e.g. review regulatory sandboxes, use cases, create GDPR guidelines);
  - **Sharing:** Increase knowledge on and acceptance of DLT and provide a platform for discussion (e.g. capacity building mechanisms);
  - **Strengthening:** Foster community consensus on standards, conformity and security (e.g. roundtables, workshops).

- **Outputs 2020**
  - Publishing two Position Papers
  - Organizing two larger-scale regulatory roundtables and several smaller, topic-focused workshops
  - participating at DLT-focused events as speakers
  - [Joint Climate Action/Energy Roundtable and Statement](#) of 27 March 2020

Co-chairs: Bara Greplova & Irene Adamski

Finance WG
Objectives & Outputs

- **Objectives**
  - The first objective is to contribute to the creation of a compliant and harmonised framework based on clear token and stablecoins classifications, specifically on the issuance of security, utility and payment tokens, and for post-trade, post-market activities for digital assets custody services.
  - The second objective is to achieve and enhance awareness of requirements for: AML; Licensing for crypto exchanges, wallet providers and similar entities; Investment funds/asset management services.
  - The third objective is to perform the initial market analysis of the Decentralized Finance (DeFi) movement, it's assumptions, related opportunities and risks, legal frameworks and it's growth etc.

- **Outputs 2020**
  - Paper on risk analysis of how post settlement risk aspect can be compared between existing infrastructure and between DLT infrastructures
  - Digital custody paper
  - Consultations: Crypto Assets; new digital finance strategy for Europe.

Co-chairs: Jacek Czarnecki & Arnab Naskar

Governance WG
Objectives & Outputs

- **Objectives**
    - Identify and establish best practices, guidance and toolkits
    - Define a taxonomy for governance structures of blockchains
    - Educate, disseminate and share blockchain governance research and thought pieces
- **Outputs 2020**
    - Joint roundtable with the Governance WG on *Standards, Governance and Interoperability* (Summary highlighting the key topics of the roundtable [Available here](#))
    - Establish a list of core elements that a Code of Conduct should include
    - Produce a list of tools that can be adopted when establishing governance structures of blockchains
    - Finalise a questionnaire for taxonomy structure
    - Organise discussions with INATBA's GAB or AAB to collect their input on pain points and needs regarding blockchain governance.

Co-chairs: Monique Bachner & Marianna Belotti

Healthcare WG
Objectives & Outputs

- **Objectives**
  - **Mapping the blockchain landscape in the healthcare sector**, identifying key stakeholders, use cases, success factors, legal and other challenges in uptake
  - As a solid basis to **structurally engage with relevant bodies and governments**
  - While interacting with the broader healthcare community with a view to **educate and establish a bi-directional learning process**
- **Outputs 2020**
  - Identify and address technical, organizational, behavioral economics challenges related to uptake
  - Investigating current regulations and existing gaps
  - Opinion piece on how Blockchain can help facing a global pandemic available here
  - Participating in external events and external initiatives in cooperation with the World Economic Forum Covid Action platform

Co-chairs: Mirko de Maldè & Danny Van Roijen

Identity WG
Objectives & Outputs

- **Objectives**
  - Joint positioning of the Working Group
  - Identifying identity sandboxes in the EU
  - Contribute to the work of the Identity/KYC/privacy from a regulatory perspective
  - Extending the support from external organizations and stakeholders (e.g. EBSI-ESSIF stakeholder meetings)
- **Outputs 2020**
  - Publish the First Working Group Position Paper
  - Provide a short opinion on a relevant topic for the Identity WG to reach out to the general public
  - Organise one topic-focused roundtable/workshop with representatives from Academic or Regulatory Bodies

Co-chairs: Catarina Veloso & Alex Puig

Interoperability WG
Objectives & Outputs

- **Objectives**
  - Identify challenges facing Blockchain interoperability both at a technical and ~~governmental~~ governance level
  - Identify possible solutions to interoperability
  - Establish a link with the different governing bodies on standards
- **Outputs 2020**
  - Joint roundtable with the Governance WG on *Standards, Governance and Interoperability*
  - Summary highlighting the key topics of the roundtable [Available here](#)
  - Joint Interoperability/Governance WG Position Paper
  - Engage in the discussions the AAB, the GAB and other government bodies in order to understand the most relevant solutions
  - Start working on the creation of taxonomy guidelines
  - Cooperate with the INATBA Standards Committee to contribute to dialogue with the ISO

Co-chairs: Joachim Lohkamp & Ismael Arribas

Mobility WG
Objectives & Outputs

- **Objectives**
  - Mapping the blockchain ecosystem in the mobility sector by clarifying: who are the main stakeholders involved and what are the use cases (short term)
  - Identify barriers and challenges for the implementation and deployment of DLT (long term)
  - Enable a dialogue between stakeholders of the sector (long term)
  - Development of guidelines and specifications for the development of trusted DLT applications for Mobility (long term)

- **Outputs 2020**
  - WG Members are answering to a questionnaire about stakeholders and use cases, to identify: stakeholders and solutions the companies are working on
  - Set up an online Workshop to initiate discussions and interact with the providers

Co-chairs: Vytautas Černiauskas & Stephane Dreher

Privacy WG
Objectives & Outputs

- **Objectives**
  - Understanding how privacy regulation around the globe impacts on blockchain
  - Collecting information on problems and struggles which different industry players face in the process of data privacy/GDPR compliance of blockchain solutions implemented in their businesses
  - Strengthening the connection with the European Data Protection Board (EDBP) and input on the expected opinion/guidance on blockchain
- **Outputs 2020**
  - Production and publication of the First Working Group Report on data privacy regulations applicable to blockchain technology in various jurisdictions
  - Drafting and conducting a broad survey among industry players on data privacy/GDPR compliance of implemented blockchain-based solutions. Conducting an analysis of the results and publishing a report.
  - Providing input to the EDBP for conceiving guidelines on blockchain

Co-chairs: Marcin Zarakowski & Silvan Jongerius

Public Sector WG
Objectives & Outputs

- **Objectives**
    - Create added value for members by establishing recommendations to public officials
    - Establish partnership or communication channels with Governments, AAB and GAB members to share recommendation guidelines
- **Outputs 2020**
    - Produce a document with mapping use cases in different countries highlighting: the impact on the sector, successful cases, challenges and the reasons for that
    - Draft recommendation guidelines on the use of blockchain for the public sector to be shared with governments

Co-chairs: Roxane Faure & Hinrich Pfeifer

Real Estate WG
Objectives & Outputs

- **Objectives**
    - Creating in-depth Real Estate insights by focusing on identifying research-outputs and best practices about the Unique Object Identifier (UOI) in cooperation with the FIBREE UOI Working Group, EC and the sub-working group of the INATBA WG Climate Action that focuses on Real Estate (all united in the so called 'D2I2-consortium')
    - Expanding the knowledge of tokenization as a means of Real Estate financing
    - Enhancing the knowledge on the digitization of Land Registries

- **Outputs 2020**
    - Application as EBSI-use case to the EBP and cooperation with Fibree
    - Set up a guideline to explain how a real estate tokenization project works in practice
    - Roundtable on *The Impact of Blockchain Technologies on Land Registry Systems*

Co-chairs: Jakob Drzazga & Axel von Goldbeck

Social Impact WG
Objectives & Outputs

- **Objectives**
    - Map and analyse the "Blockchain for good ecosystem"
    - Define best practices and guidelines around impact measurement and sustainability
    - Contribute to the ecosystem: Participation in hackathon, acceleration programs, matchmaking between projects, investors, regulators...
- **Outputs 2020**
    - Report: Blockchain for good ecosystem (Data analysis, questionnaire, interviews...)
    - Roundtables involving technologists, social innovators, regulators...
    - Guidelines around impact measurement and SDGs framework
    - Other deliverables in collaboration with vertical working groups (To be defined)

Co-chairs: Khalid Belghiti & Joerg Walden

Supply Chain WG
Objectives & Outputs

- **Objective**
  - Identify the main areas of action and challenges for deploying blockchain technology in supply chain. This will be done by taking the WEF *Blockchain Deployment Toolkit* as a reference key.
  - Establish strategic partnerships to cooperate with logistics providers, OEM, ERP providers, Regulators, public institutions or existing blockchain consortia for the purpose of supporting and fostering the adoption of blockchain technology.
- **Outputs 2020**
  - Questionnaire for WG members based on the WEF framework
  - Position paper based on the WG members' competencies and areas of expertise
  - Coordinate actions with other WGs, AAB, GAB members to identify synergies
  - Working in closer cooperation with EC to build the ecosystem especially through EBSI

Co-chairs: Cengiz Kakil & Denis Avrilionis

Thank you