



# **SLOVENIAN POTENTIALS OF BLOCKCHAIN FOR SOCIAL INNOVATION**

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## *First Slovenian Blockchain Meetup (end June 2017)*





## *Second milestone: European Blockchain Meetup* in Slovenia – October 2017









## ***Challenges for Slovenia:***

- *How to create better, business friendly environment to attract more investors into blockchain/DLT based business initiatives*
- *How to create a pool of knowledge for the support of the “accelerated” development and implementation of new technologies (besides Blockchain also IoT, AI, etc.)*

## ***- Challenges for Slovenia and Europe:***

*How to create better regulatory framework to respond to new technologies and new economy*



*Slovenia reacts to challenges:*

***(1) Action plan on Blockchain technology,***  
*adopted by the Government in May 2018*

***(2) Supporting the Blockchain ecosystem in***  
*launching the self regulatory Guidance on ICOs*

***(3) Launching Call for Demo/Pilot projects (73***  
*mio EUR) – results: 64% of projects on blockchain,*  
*70% projects on AI*



**(4) Identified *key verticals* to be taken into account when creating regulatory sandbox:**

*(a) smart cities and communities and smart mobility*

*(b) smart factories*

*(c) circular economy and smart materials*

*(d) sustainable tourism*

**(5) Identified *key horizontals*, such as**

*- energy, digital infrastructure and applications, taxation*

*- people to people*





*Key **regulatory** steps:*

*a) definition of focus areas relevant for the definition of the **sandbox** rules and procedures*

*b) definition of „**digital enterprise**“ with all necessary attributes for the regulation of new form of enterprise, but prior to this step*

*c) definition of **smart contract** institute in the slovenian corporate law*

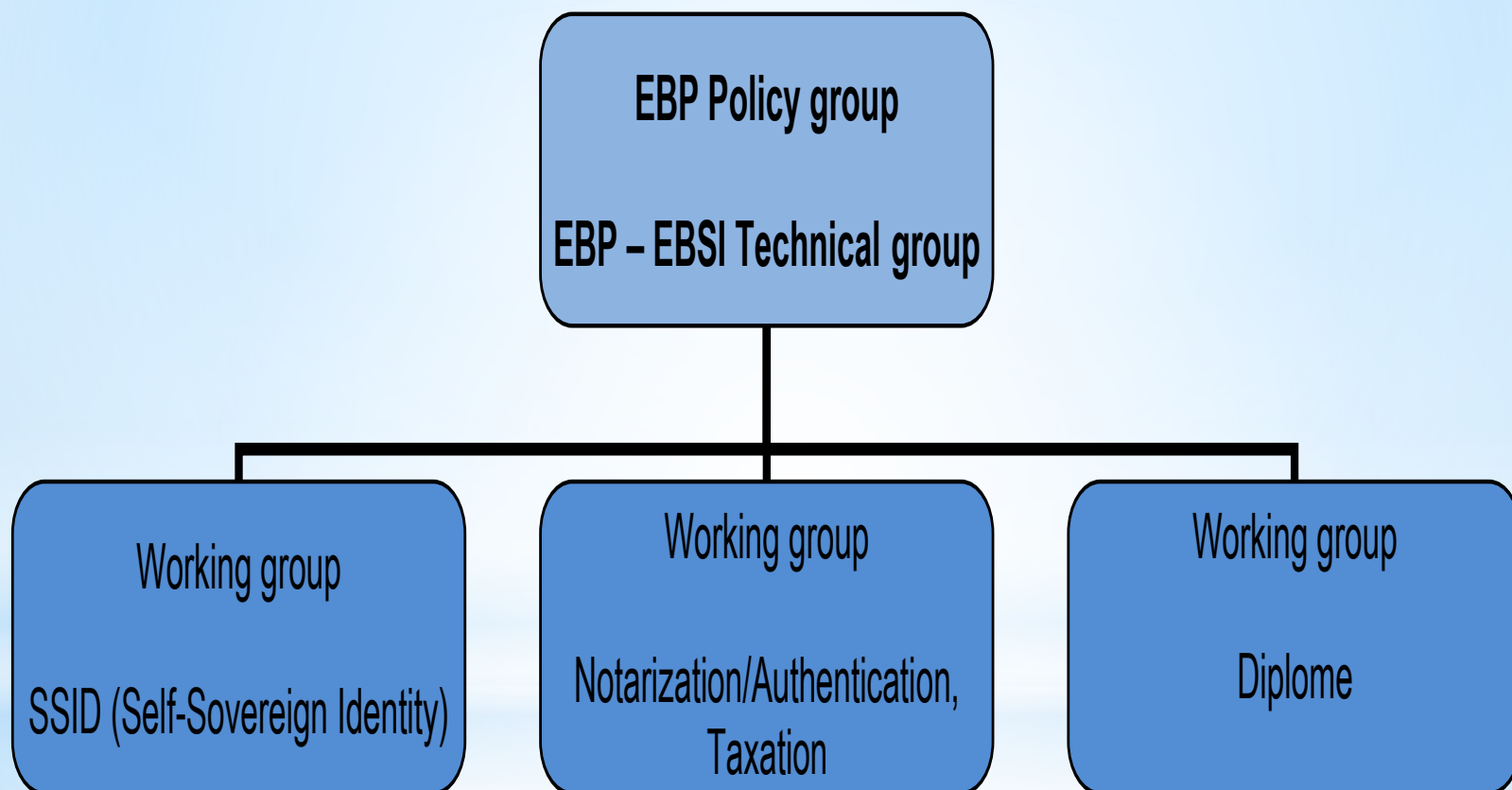




***Europe reacts to challenges:***

*Redefinition and strengthening position of European Blockchain Partnership, based on V1 four pilot projects:*

- ***EBSI*** (*European Blockchain Services Infrastructure*)
- ***ESSID*** (*Self Sovereign Identity*)
- ***Diplomas*** *on Blockchain*
- ***Notarization and authentication*** (*pilot project of European Court of Auditors to control expenditures from EU budget for European Cohesion policy*)





1 NO  
POVERTY



2 ZERO  
HUNGER



3 GOOD HEALTH  
AND WELL-BEING



4 QUALITY  
EDUCATION



5 GENDER  
EQUALITY



6 CLEAN WATER  
AND SANITATION



7 AFFORDABLE AND  
CLEAN ENERGY



8 DECENT WORK AND  
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



10 REDUCED  
INEQUALITIES



11 SUSTAINABLE CITIES  
AND COMMUNITIES



12 RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



13 CLIMATE  
ACTION



14 LIFE  
BELOW WATER



15 LIFE  
ON LAND



16 PEACE, JUSTICE  
AND STRONG  
INSTITUTIONS



17 PARTNERSHIPS  
FOR THE GOALS



SUSTAINABLE  
DEVELOPMENT  
GOALS



*Blockchain Technology as a **key enabler** of sustainability through social innovation*





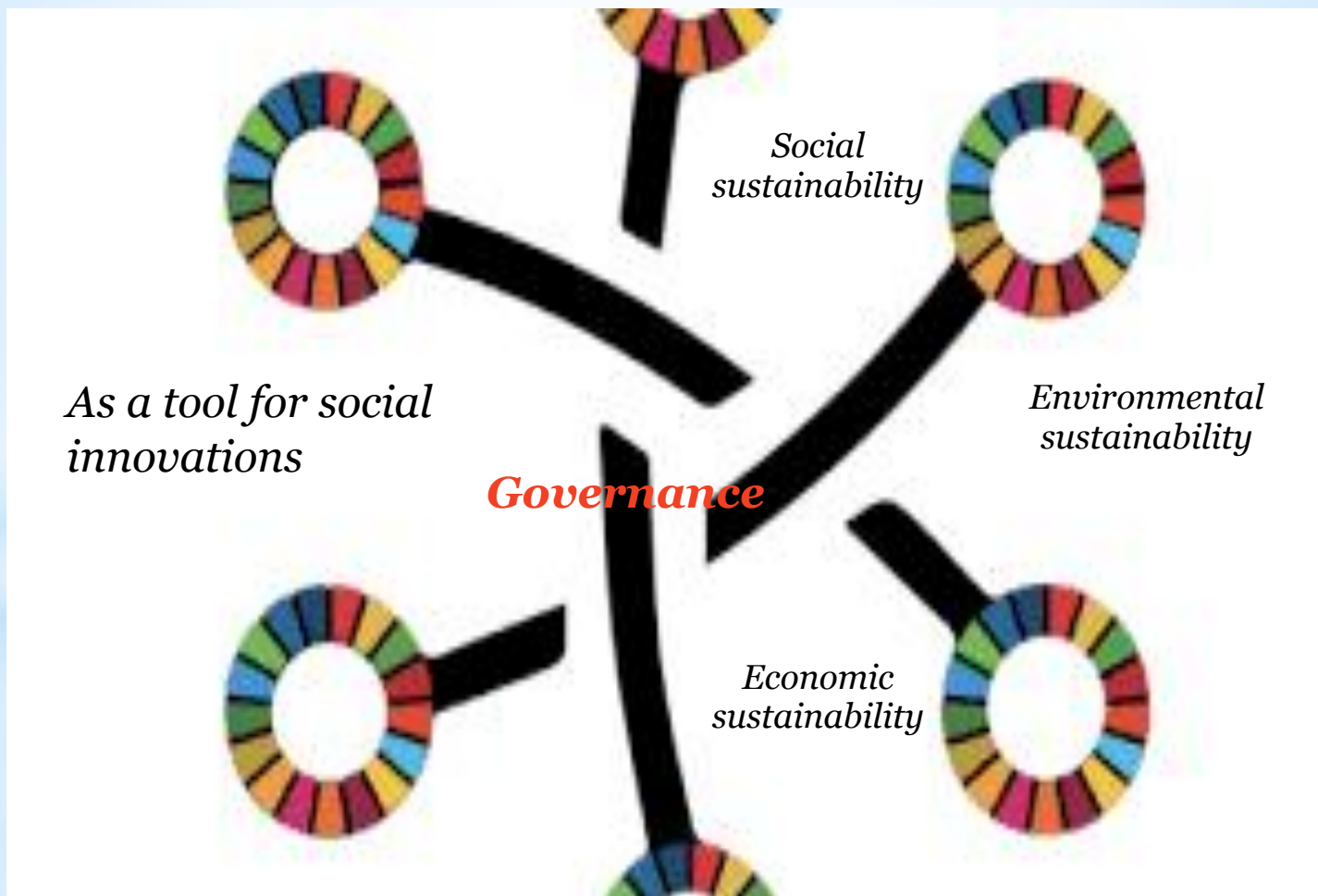


*Blockchain Technology is social innovation by itself and enabling tool for social innovations on the way to sustainability.*

***Blockchain as:***

***Social Innovation by itself*** – through social value proposition, inherent in blockchain technology:

- (1) Integrity (authentication, authorization)*
- (2) Traceability*
- (3) Immutability*
- (4) Trust*
- (5) Democracy*
- (6) No intermediaries*





***Blockchain as:***

***enabling tool for social innovations on the way to sustainability;***





Traditional businesses integrate social innovations into their business models and processes with:

- ***Open innovation method*** attracting innovative individuals and blockchain startups
- ***Clustering*** with tech-companies and social economy startups
- ***Platform economy***, using decentralized autonomus and collaborative concepts of engagement, participation and collaboration of internal and external innovative ideas incorporating them into their business models







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