

'Blockchainization' of the Paris Agreement Article 6

DAO IPCI Team proposed to put article 6 of the UNFCCC Paris Agreement onto blockchain. Most of the modules and smart-contracts needed are already in place.

See the detailed proposal:

Paris Agreement	DAO IPCI Blockchain Ecosystem	
Article 6	DAO Core/Modules	
Parties voluntary cooperation		
1. Parties recognize that some Parties choose to pursue voluntary cooperation in the implementation of their nationally determined contributions to allow for higher ambition in their mitigation and adaptation actions and to promote sustainable development and environmental integrity.	<p><i>'Quantified Commitment' and 'Quantified Impact' Module¹</i></p> <p>Nationally Determined Contributions (NDC) should be reflected as 'Quantified Commitments' and 'Quantified Impact'.</p>	<p><i>Creation of ITMO Market Module by UNFCCC Secretariat</i></p> <p><i>Creation of independent DAOs of the Parties</i></p> <p>Parties that have chosen to pursue voluntary cooperation create independent Operators DAOs with common market created by UNFCCC Secretariat for all Operators, which chose to cooperate.</p>
2. Parties shall, where engaging on a voluntary basis in cooperative approaches that involve the use of internationally transferred mitigation outcomes towards nationally determined contributions, promote sustainable development and ensure environmental integrity and transparency, including in governance, and shall apply robust accounting to ensure, inter alia, the avoidance of double counting, consistent with guidance adopted by the Conference of the Parties serving as the meeting of the Parties to this Agreement.	<p><i>Issuance of environmental units via Security Reserve or Security Deposit Contracts</i></p> <p>Common market token is an 'Internationally transferred mitigation outcome' (ITMO). Once issued ITMOs are deducted from respective Party NDC, which arithmetically means increase of Quantified Impact and decrease of mitigation contribution (Quantified commitment) by the amount of tCO2e reflected in ITMO.²</p> <p>Issuance of ITMO may be performed only by the Independent Entity and only to the address endorsed (listed as Agents) by the respective Party Operator.</p> <p>Double-counting is avoided, transparency ensured by inherent properties of public blockchain.</p> <p>Respective Party Operator and Independent Entity are responsible for compliance of ITMOs with sustainable development and environmental integrity principles.</p>	
3. The use of internationally transferred mitigation outcomes to achieve nationally determined contributions under this Agreement	<p><i>Complier Contract</i></p> <p>Authorization of private use (transfer or trading) of internationally transferred mitigation outcomes is provided and ensured by the</p>	

¹ Module under development

² Module under development

shall be voluntary and authorized by participating Parties.	protocols for issuance of ITMO. Privately used ITMO are not counted as contribution of any Party to the Agreement. Use of ITMOs for to achieve NDC may be used only via respective Party (Operator) Complier Contract(s). Only the units 'burnt' (irrevocably retired) at specific Compliers' Contract(s) may be counted as additional contribution.
Sustainable Development Mechanism	
4. A mechanism to contribute to the mitigation of greenhouse gas emissions and support sustainable development is hereby established under the authority and guidance of the Conference of the Parties serving as the meeting of the Parties to this Agreement for use by Parties on a voluntary basis. It shall be supervised by a body designated by the Conference of the Parties serving as the meeting of the Parties to this Agreement, and shall aim:	<i>Creation of independent DAO (Operator)</i> <i>Creation of the List of Independent Entities (ACL Storage)</i> <i>Creation of SDM Token Market</i> UNFCCC body designated by the Conference creates DAO (Operator), creates List of Independent Entities, creates SDM token Market
(a) To promote the mitigation of greenhouse gas emissions while fostering sustainable development;	
(b) To incentivize and facilitate participation in the mitigation of greenhouse gas emissions by public and private entities authorized by a Party;	<i>Issuers addresses and contracts</i> The Operator shall approve the addresses (list as SDM Agents) and Issuers' contracts only for the Issuers' listed as Agents by respective Party Operator (see p.2 <i>Issuance of ITMO via Security Reserve or Security Deposit Contracts</i> above)
(c) To contribute to the reduction of emission levels in the host Party, which will benefit from mitigation activities resulting in emission reductions that can also be used by another Party to fulfil its nationally determined contribution; and	<i>Complier Contracts</i> SDM tokens (emission reductions) shall be used by another Party to fulfil its nationally determined contribution via respective Party (Operator) Compliers Contracts. Only the units 'burnt' (irrevocably retired) at specific Compliers' Contract(s) may be accounted to fulfill NDC. (see p. 3 <i>Complier Contract</i> above)
(d) To deliver an overall mitigation in global emissions.	<i>Quantified Impact module³</i> Emission reductions represented by SDM tokens should actually reduce registered quantified impact or restrain quantified commitments
5. Emission reductions resulting from the mechanism referred to in paragraph 4 of this Article shall not be used to demonstrate achievement of the host Party's nationally determined contribution if used by another Party to demonstrate achievement of its nationally determined contribution.	<i>Issuance of environmental units via Security Reserve or Security Deposit Contracts</i> <i>Quantified commitments and Quantified impact module⁴</i> Once issued emission reductions (represented SDM tokens) are deducted from respective Party NDC, which arithmetically means increase of Quantified Impact and decrease of mitigation

³ Module under development

⁴ Module under development

	contribution (Quantified commitment) by the amount of tCO2e reflected in SDM tokens.
6. The Conference of the Parties serving as the meeting of the Parties to this Agreement shall ensure that a share of the proceeds from activities under the mechanism referred to in paragraph 4 of this Article is used to cover administrative expenses as well as to assist developing country Parties that are particularly vulnerable to the adverse effects of climate change to meet the costs of adaptation.	<p><i>Commission fees</i></p> <p>Commission fees in DAO IPCI are established by independent Operators</p>

Please address comments and suggestions to info@ipci.io