

CISRI
Collaborative Inter-governmental Scientific Research Institute



IEMO
International Emergency Management Organization



BAID
Bank for International Development



CISRI-IEMO-BAID Development Coin Whitepaper

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CISRI-IEMO Joint Secretariat
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Table of Contents

Table of Contents.....	2
Document History.....	3
The Development Coin® (DEPCO).....	4
Innovation for Equitable Development.....	4
Development Coin® Features.....	5
Issuer and Governing Bodies.....	6
Eligible sectors.....	8
How is measured the value of the Development Coin.....	10





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The Development Coin® (DEPCO)

Innovation for Equitable Development

The **Development Coin® (DEPCO)** is an intergovernmental electronic currency issued by the CISRI-IEMO-BAID) which relies on the concept of Sustainable Development Climate Change reduction and the end of Poverty, as well as better life conditions for all, in attainment of the United Nations Sustainable Development Goals (SDGs), promulgated by the United Nations General Assembly on 25 September 2015.

The Development Coin relies on the basis of Intergovernmental Authoritative Certificates, issued by CISRI-IEMO-BAID and is formed as a Token Asset with a character of Authoritative digital currency.

The **Development Coin® (DEPCO)** is therefore a legally certified cryptocurrency issued by Intergovernmental Authorities and is deemed to work on the following axis

1. Reduction of CO2 and Climate Change (SDG 13)
2. Reforestation, Environment, Energy, Water and Life on Earth (SDGs 14-15)
3. Emergency Reduction Post Pandemic Recovery and General well-being (SDGs 1-12)





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Development Coin[®] Features

Major issues require a global effort that BAID crypto currency **Development Coin[®]** is deemed to offer: therefore the Asset, Issued on BEP-20 Platform is addressed on the realization on the CISRI-IEMO Global Recovery Program, which from one side guarantees the issuing of Development Coins to any requirer public and private and from the other side mobilizes resources for the IEMO-GPN (Global Prevention Network) and of the CISRI-GSDA (Global Sustainable Development Asset) for African, ACP, and New Developing economies applies quality standards of security and certification through a Legal Authoritative Certification procedure



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Page 5 of 12



Issuer and Governing Bodies

The Development Coin[®], in its quality of public currency is issued and controlled by the Executive Directions of the following Intergovernmental Organization, through their respective Financial Divisions

1. The **CISRI (Collaborative Intergovernmental Scientific Research Institute)**

www.cisri.org

Is an Intergovernmental Organization, established by Multilateral Agreement entered into force 20 November 2000 and registered 1st of June 2001 with the Secretariat of the United Nations at N° A-37542 of the United Nations Treaty Series (UNTS), according to Article 102 of the UN Charter. The Agreement has been published on Volume 2151 of the United Nations Treaty Series, as well as on the Statement of Treaties and International Agreements registered of filed and recorded with the Secretariat of the United Nations N° ST/LEG/SER.A/652 of June 2000 and published on the United Nations Cumulative Index N° 40 of the UN Series of Treaties and International Agreements registered or filed and recorded with the Secretariat of the United Nations -UNTS (Volumes 2151 to 2200) Treaties N° 37542 to 39025 (Registered). II-Treaties N° 1238 al 1254 (Filed and Recorded)

2. The **IEMO (International Emergency Management Organization)**

www.iemo.int

Established as intergovernmental organization endowed with juridical personality of International Law by Intergovernmental Convention entered into force 14 April 2006 and registered 6th of June 2006 with the United Nations Secretariat at N° I-42766 of the United Nations Treaty Series (UNTS) according to Article 102 of the UN Charter, published on Volume 2371 the United Nations Treaty Series (2006), as well on the Statement of Treaties





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and International Agreement registered or filed and recorded with the Secretariat of the United Nations N° ST/LEG/SER. A/712 of June 2006 and published on the United Nations Cumulative Index N° 44 of the Series Treaties and International Agreements registered or filed and recorded with the Secretariat of the United Nations -UNTS (Volumes 2351 to 2400) I. Treaties Nos. 42198 to 43348 (Registered) II. Treaties Nos. 1285 to 1298 (Filed and Recorded).

3. The **BAID (CISRI-IEMO Bank for International development)**

baid.international

Established by CISRI and IEMO Inter-institutional Agreement on 20 November 2020, as well as registered at N° 742750 of the United Nations Global Market Place (UNGM) and at N° 47951 of the United Nations Development Business (UNDB) as the financial Subsidiary Institution of the two Organizations, established in order to fund sustainable development projects with special focus on ACP countries (Africa, Caribbean and Pacific) and New Developing Economies.



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Eligible sectors

The sectors foreseen as eligible to be financed by the BAID through the issuance of its monetary instrument, the **Development Coin**[®] are: agriculture, food and water, energy, environmental restoration and reforestation, reduction of climate change, post pandemic recovery and sustainable development and innovation through economic development, emergency prevention and resilience for attainment of social well-being

Sustainable Development is defined by a Scientific Paradigm who underlines multiple efforts to characterize and measure development to be both representative of the field as a whole to illustrate the diversity of approaches to definition, motivation, process, and technical methodology, ranging from global to national to local scales; governmental to nongovernmental sponsorship; and frameworks that focus on administrative units (e.g., countries) up to frameworks that focus on specificactors (e.g., corporations).

For this purpose the United Nations Commission on Sustainable Development (CSD) was created in 1992 under the auspices of the Economic and Social Council as a direct result of the United Nations Conference on Environment and Development.

A major element of its work to date has focused on the development and testing of a suite of 58 indicators, whittled down from an initial list of 134 indicators, which cover social, environmental, economic, and institutional aspects of sustainable development (See: Parris, Mand Kates, R:W. : *Characterizing and Measuring Sustainable Development* in *Annuary of Rev. Environ. Resour.* 2003. 28:13.1–13.28





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The Development Coin is to respond to the challenge of socio-economic parameters, by attributing a value to the sustainable and equitable development of the growing world, population, actually 7.861.456.615 but in less than 30 years, at a rate of increase is estimated at 81 million people per year the world will count on a population of 9,686,800,357 unities (source <http://www.worldometers.info>) of which 851,331,777 Undernourished people in the world according to the State of world food insecurity by FAO (<http://www.fao.org/publications/sofi/en/>)

Interpolating the 1,633,502 hectares of Forest loss and 11,390,529,438, of [CO2 emissions](#) (tons), the 3,769,240 hectares of Desertification as well as 3,075,819 tons of Toxic chemicals released in the environment [this year](#) only (www.worldometers.info)

The **Development Coin**[®], with its systematic structure aims to become a concrete economic platform for linking sustainable development to crypto-currency exponential growth, providing effective international monetary supply at the service of international cooperation in the following key sectors:

- 1) Climate Change reduction
- 2) Reduction of malnutrition
- 3) Access to energy
- 4) Realization of development projects such food resilience programs and sanitary healthcare
- 5) Natural resources preservation



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How is measured the value of the Development Coin

The value of Development Coin is established exclusively by Governmental Agreement and not by private indexes or market caps.

It has to be taken into account that the Development Coin is an Intergovernmental Crypto Currency (which means that it is issued not by private groups or entities but through the issuing capacity of Intergovernmental Organizations CISRI-IEMO-BAID which at their turn are constituted by Sovereign States through United Nations Treaty Series COR. 47852 and COR. 53907).

For this reason the Development Coin, being utilized for the pursuance of the United Nations SDGs (Sustainable Development Goals) which unanimously converge on Climate

Change reduction is set as practical means to promote both industrial and ecological programs deemed to reduce atmospheric CO², linking by administrative resolution, the value of 1 Development Coin (DEPCO) with the cost of re-absorption of 1kg of atmospheric CO².

In fact since 1850 to 2019 [according to the scientific community](#) at 2'400'000'000'000 tons of CO² were emitted by human activity, of which around 950'000'000'000 tons went into the atmosphere, and the rest has been absorbed by oceans and land.





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According to BAID esteem the total CO² dispersed in the atmosphere from 1850 to 2050 are derived from the following proportion:

$$950 \text{ CO}^2 \text{ Gigatons}:169 = x:200$$

Where 950Gigatons of CO² for 169 years (1850~2019) are compared on the period of 200 years (1850~2050).

The result is **950 Gigatons** x 200 ÷ 169 = **1124,260355029 Gigatons** in year 2050

Taking into account that the cost of 1 ton of CO² dispersed in the atmosphere – oscillates between [\\$51 per ton, according to the US Government](#) and [\\$185 per ton according to the Energy Institute of Haas](#) – because of **its four biggest sectors of damage: agriculture, energy, sea level rise, and mortality** and provided that, always according to the scientific community the cost of reabsorbtion of atmospheric CO² is much higher than the cost of its dispersion ([from \\$100 per ton according to industry's standard-bearing metric](#), calculated by the US Department of Energy to \$700 according to a [survey of CDR stakeholders](#)) and specifying that a more realistic minimum cost for carbon dioxide removal may be [estimated at is \\$600 to \\$1,000 for 2030](#), the choice to link the value of 1 Development Coin to the cost of reabsorbtion of 1kg of atmospheric-dispersed CO² seems to be the most effective way to promote Sustainable Development Programs deemed to reduce atmospheric CO² at a global level, and in particular according to the specific needs of any negotiating Government.



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The **DEPCO** aims to ensure from one side its univocality, security and non duplicability, and from the other side its distribution reserved to Governments and Central Banks by the use of legal authoritative Certificates shall avoid market fluctuation, rendering it like a stable-coin, secured from speculative fluctuations.

In fact, Development Coin is a Certified Public Development Assistance Instrument distributed in form of tokenized electronic units but also certified by authoritative, scriptural certifications, following the institutional mandate of the aforesaid intergovernmental bodies, deemed to work for enhancing initiatives, projects and overall development of Member and affiliates States

The Development Coin is therefore endowed with:

1. Authoritative tokenization
2. Authoritative Certification
3. Official Digital Signature
4. Official report and audit
5. Insertion in public service internet platform

