FORWARDEDGE

The National DigiFoundry



Prepared by:

KEVIN JACKSON
FORWARD EDGE-AI, INC.
KEVIN@FORWARDEDGE.AI
+1.571.294.1020

This Pitch includes data that shall not be disclosed outside the Government, except to non-Government personnel for evaluation purposes, and shall not be duplicated, used, or disclosed -- in whole or in part -- for any purpose other than to evaluate this submission. If, however, an agreement is awarded to this Company as a result of -- or in connection with – the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent agreed upon by both parties in the resulting agreement. This restriction does not limit the Government's right to use the information contained in this data if it is obtained from another source without restriction.

National DigiFoundry (NDF)

The NDF is a national collaboration initiative to foster continuous innovation in the digital asset ecosystem. It represents an opportunity for public and private sector innovators to work together to mitigate and deal with a range of risks, frauds, and scams in this space.

MISSION: Collaboratively exploring global standards and best practices for the use and exchange of digital assets.

- <u>Executive Order 14067</u> (March 2022))
- Digital Assets R&D (DARD) Fast-Track
 Action Committee (October 2022)
- <u>Digital Asset Collaboration Hub (DACH)</u>
 <u>DAO Grant (August 2023)</u>
- <u>National DigiFoundry</u> (October 2023)
- NDF Annual Meeting (January 2024)





National DigiFoundry Steering Committee



Dr. Anna Brady-Estevez, US National Science Foundation, NDF Steering Committee





Dr. David Beck,
US Space Force,
NDF Steering Committee
(Click image to learn more)





Ms. Melissa "Lisa" Oliva
US Dept of the Treasury,
NDF Steering Committee
(Click image to learn more)





How does the NDF Work?

- Like a DAO (<u>Decentralized Autonomous Organization</u>), each action or vote is represented by a transaction on the <u>blockchain</u>
- Members are represented by a unique address on the blockchain.
- Tokens represent share ownership in the DAO-like organization and are used to vote and exchange internal resources.
 - Utility Vote on establishing workgroups, Publishing/Endorsing digital asset industry recommendations, or DACH-sponsored activities (i.e., conferences, speaker series, etc.). Also used to access professional training on blockchain, cryptocurrency, and other Web 3.0 topics.
 - Governance Decisions related to DAO operations or group strategy
- Report becomes component of NDF reporting to the NSF





NDF Cloud Infrastructure



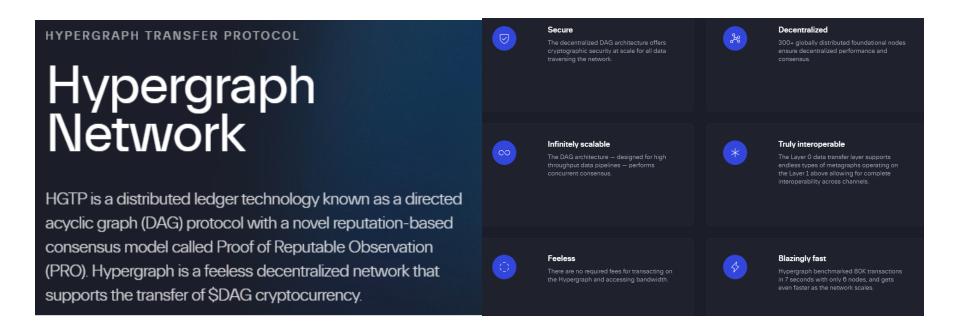




Courtesy of Genesis Block Founding Member IBM



NDF Blockchain



Courtesy of Genesis Block Founding Member Constellation Network



Stargazer Wallet

Easy to Follow Instructions →

Setup Guides:

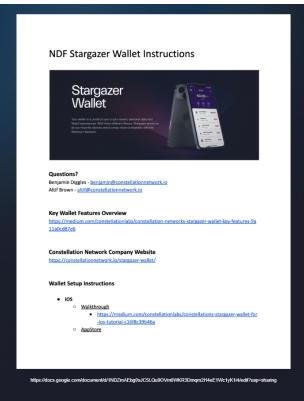
- ios
- Android
- Desktop

Note:

One wallet address is to be used for ONE NDF entity. Multiple wallets can be setup to share the same address. A wallet owner must be designated at each company who is responsible for the tokens and providing access to other members on their team via the core wallet seed phrase.

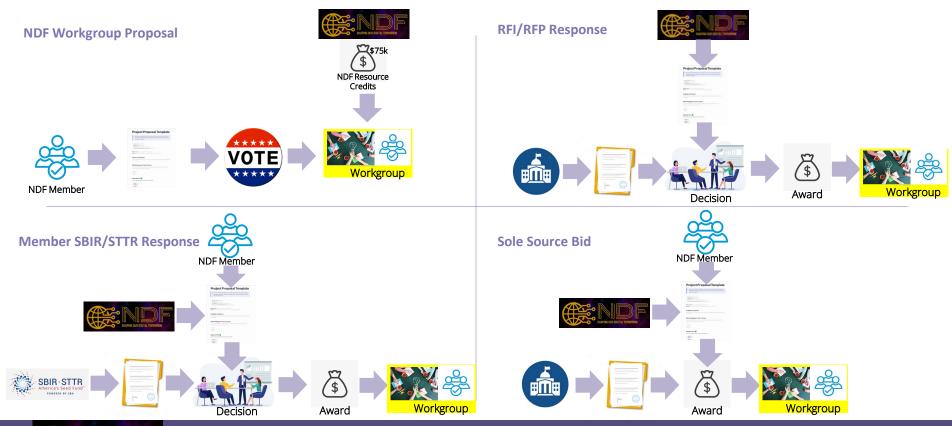
Support contacts provided in the Instructions document.

This doc is available on the NDF member portal for download.





Workgroup Funding Options



NDF Education and Training











Courtesy of Genesis Block Founding Member
The Blockchain Academy



NDF Workgroups



Climate Chain Disaster Response



Digital Asset Education & Certification



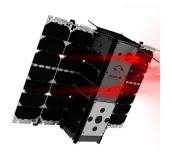
Decentralized Science



Financial Product Tokenization



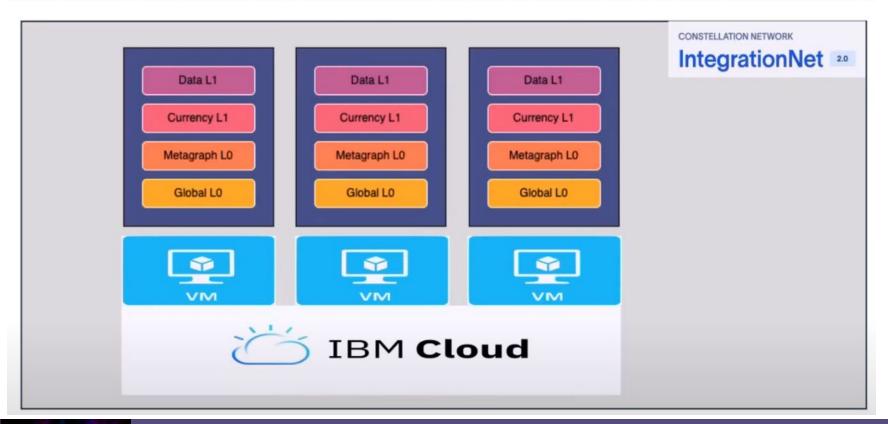
Secure Information Sharing



Space Working Group



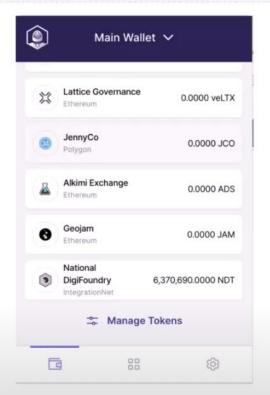
Current Infrastructure – NDF CORE





NDF CORE Stargazer Wallet NDT Token Balance

Latest Metag	raph snapshots		
ORDINAL	TIMESTAMP	BLOCKS	METAGRAPH
159332	a minute ago	Θ	MGT
218443	a minute ago	0	DOR
1419	a minute ago	0	NDT
159331	a minute ago	0	MGT
■ 218442	2 mins ago	Θ	DOR



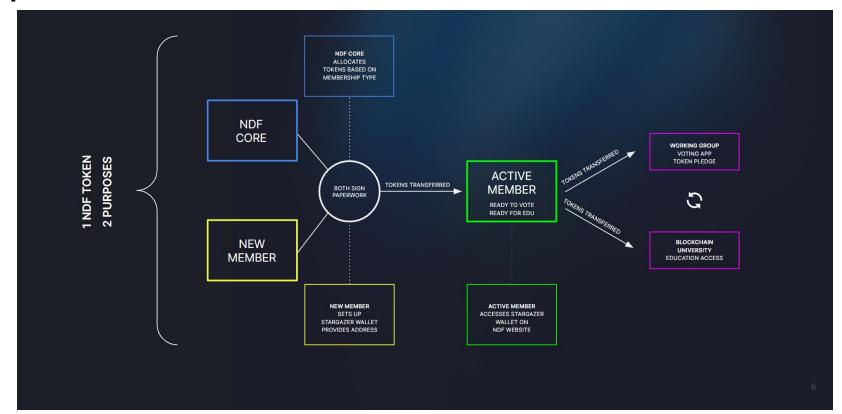


NDF Infrastructure Demonstration





Operational Blockchain Workflow - How it Works





NDF Onboarding

NDF Patron	Request Formal Membership	Membership Contract Signature	Wallet Verification	\$NDT Token Transfer	Full Membership Status (Level specific authorizations)
- Digi-Foundry website login credentials - Access to member- only content - Advance notice of NDF events	- Complete membership application (https://www.digifo undry.org/home-2/register/)	- Review and sign formal contract document	- Confirm membership level - Verify POC information - Download Stargazer Wallet - \$NDT account authorization	- Bronze Foundry Worker - \$NDT 2,500 - Silver Sand Caster - \$NDT 5,000 - Gold Die Caster - \$NDT 10,000 - Platinum Centrifugal Caster - \$NDT 25,000 - Governance Continuous Caster - \$NDT 50,000	- Join NDF workgroup(s) - Propose industry best practices - Vote on industry best practices - Propose governance changes - Vote on governance changes - Propose capital investments - Vote on capital investment - Sponsor capital investments - Membership level NFT for the applicable year



