

# Gridcoin

- decentralized cryptocurrency
- contributing to global endeavors by association with BOINC (add more options for the future)
- dedicated to block chain study
- community centric

# Gridcoin Association

- non-profit organization
- establish the Project Charter
- oversees the blockchain development
- maintains and develops the necessary tools
- controls and regulates the development team and process
- complies to user base requirements
- does NOT govern the block chain but can prevent potential harmful decisions

# Ruling decisions

- GRCA has the obligation to uphold charter stipulations and provide good quality software and tools
- GRCA does not have the authority to change the charter or to add/remove critical features from the block chain application and tools
- GRCA is granted the right to represent the GRC community in marketing campaigns or approved collaboration with other companies or projects.
- GRCA has the right to pursue any profit gaining activity in order to sustain it's activity

# Ruling decisions (continued)

- GRCA is granted the right to perform changes to the charter and tool set based on community vote
- GRCA is obligated to inform the GRC community of dangerous decisions even if the community voted in majority for adoption
- GRCA is obligated to be transparent and inform the GRC community regularly of it's activity and progress on current tasks
- GRCA is finally granted the VETO right to stop any GRC community decision that will gravely affect Gridcoin. Exercising such an extreme action should have grave consequences on both GRC community and GRC Association.

# Voting

Voting should be a majority based poll with the following constraints:

- There must be over 50% of active beacons
- A vote wins if it holds 51% of the current ballot
- If the presence is below 50% a second poll is made
- On the second Poll the vote wins if it holds 51% of the current ballot (even if the presence is below 51%)

# Gridcoin universe

- Gridcoin must be regarded as an independent entity
- It must decouple itself from BOINC by adding additional PoR (PoSomething)
- The Gridcoin ecosystem must satisfy the needs of different types of community members:
  - Miners
  - Brokers

# Gridcoin universe (continued)

- Gridcoin ecosystem must also fulfill the needs of the masses:
  - community landing page
  - discussion platform
  - announcement feeds
  - ticketing/tracking system
- But also the needs of the individual
  - personal blockchain wallet
  - personal wallet used for transactions (no PoR)
  - mobile wallet (both Miner and Transaction)
  - online wallet (GRCA regulated online wallet service used for transactions)

# Software

- Gridcoin community should always have the best quality software possible
- Current project must be ported to a different structure
- Separation of concerns must take place:
  - The block chain client core must run standalone, as a service
  - The core must be designed to support more than one type of PoR (BOIN or any other mechanism)
  - The UI application must be a client for the core service
  - The communication must be made via secured RPC commands
- Create a simple Next->Next->Finish installer.



# Software

- Advantages of separation:
  - The 2 apps. will have different update time tables
  - The dev team can be split in 2 or more, thus having a core focused team 100% of the time
  - The core may be platform independent
  - New UI can be provided by the community (3<sup>rd</sup> party desktop or web)

# Software

- A new generation of non miner wallets must be implemented. These wallets can be used for transactions or just for storing GRC
- Public software must provide a simple way to understand block chain
- RSS feeds notifying important information must be created
- RSS feeds reporting GRCA activity must be created