

Astra

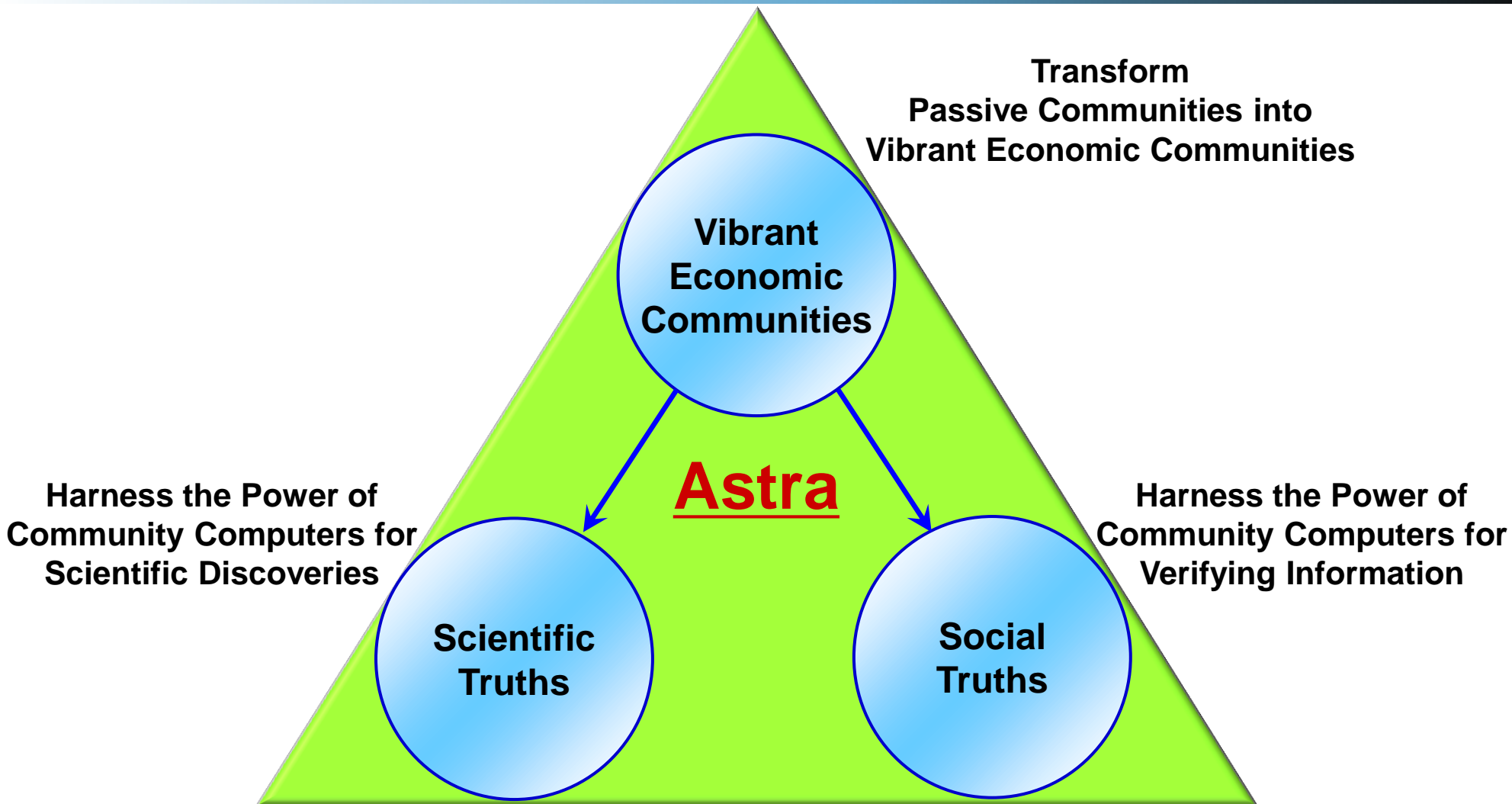
The Social Supercomputer

Astra Mission

- **Animate and Capture the Energy of Communities for Scientific Truths and Social Truths!**



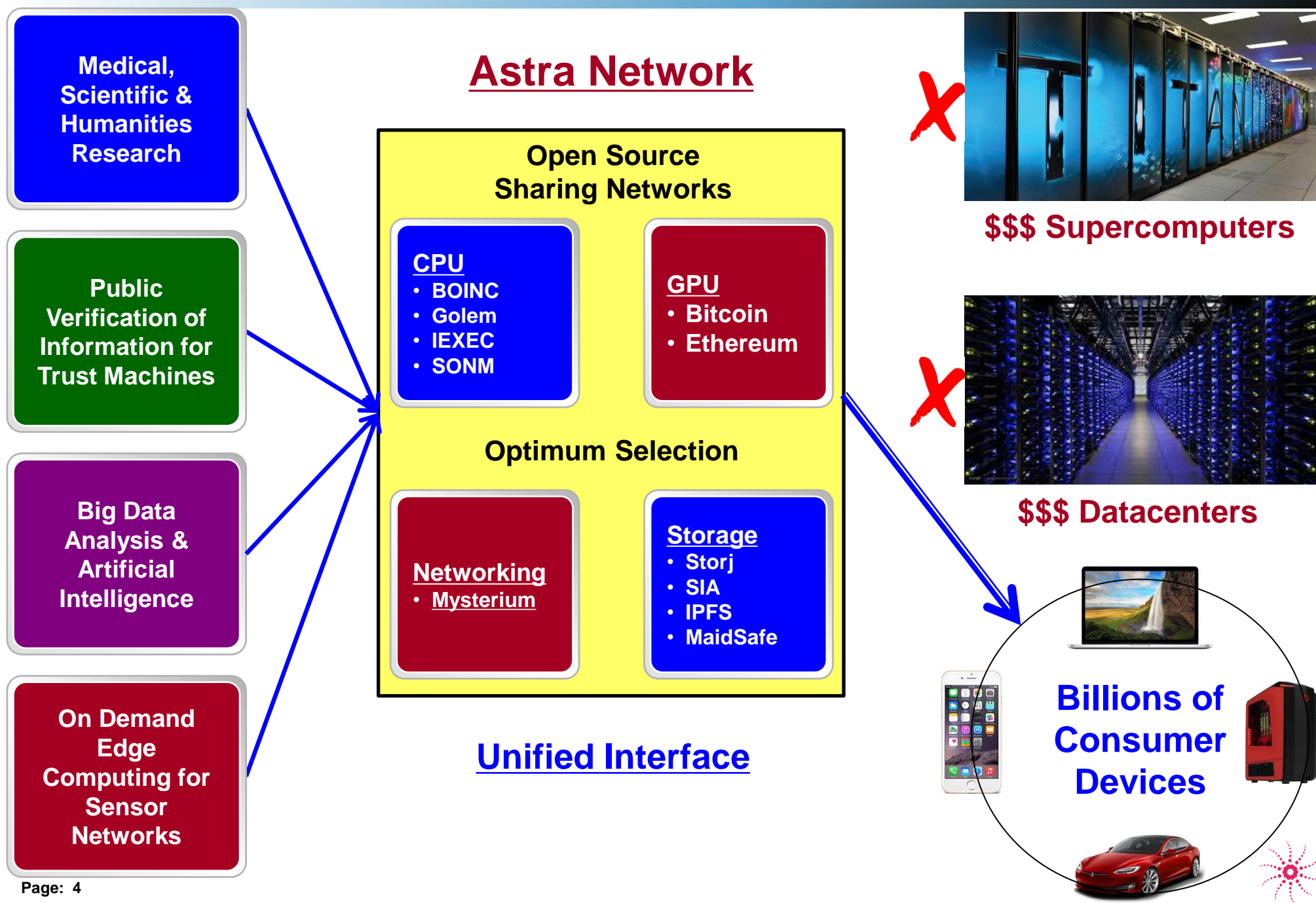
Astra – The Social Supercomputer



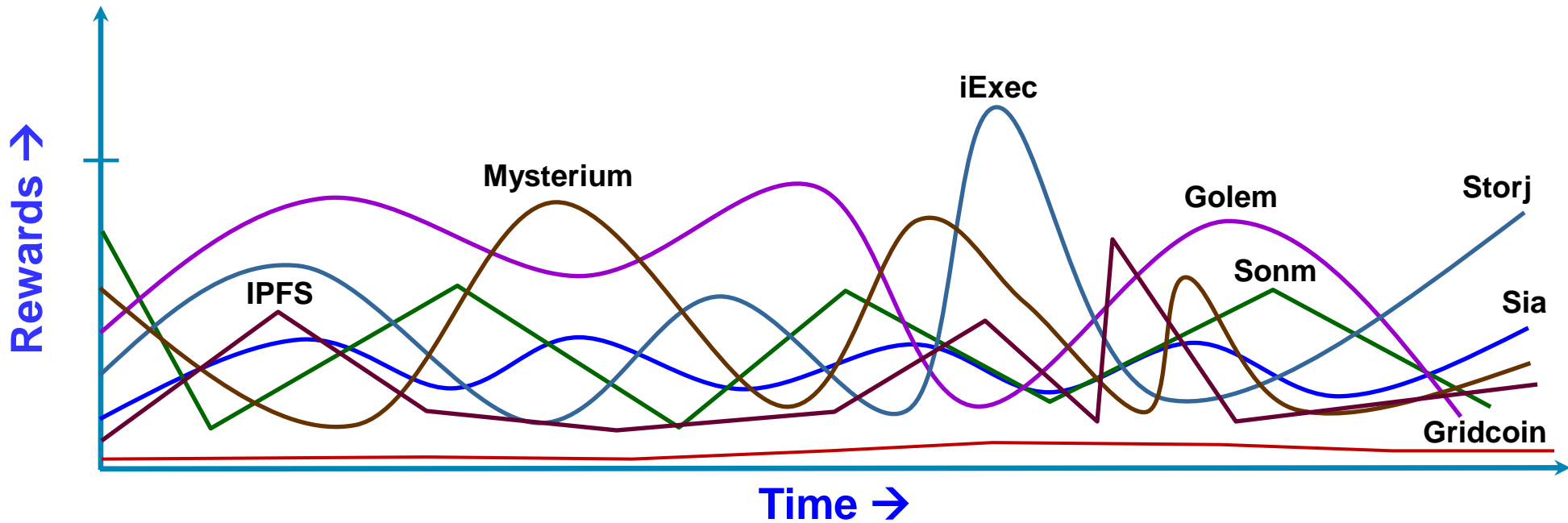
***Astra Captures the Energy of Communities for
'Scientific Truths' and 'Social Truths'***



4 Emerging Computing Challenges



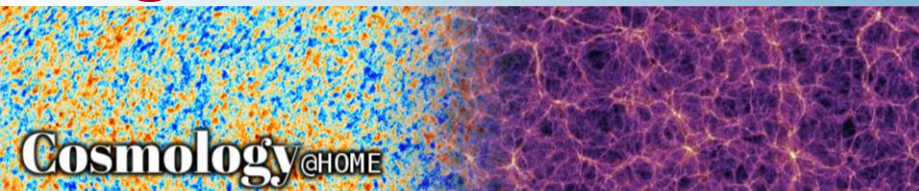
Challenges with Current Sharing Networks



- Consumer is Required to Download, Install, and Setup Plethora of Software for CPU, GPU, Storage, and Networking Resources
- Rewards from “Computer Sharing Networks” Vary Significantly with Time
- Often Sharing Networks Do Not Disclose Rewards in Advance
- Miniscule Market due to Insufficient Incentives




100s of Communities Have Built Different Style Home Pages



Cosmology@HOME lets you volunteer your spare computer time (like when your screen saver is on) to help search for the model which best describes our Universe and to find the range of models that agree with available cosmological and particle physics data.

[JOIN](#) [FAQ](#) [FORUMS](#) [COMMUNITY](#) [SERVER](#) [STATS](#)

User of the Day


 **Giorgio**
It all started around 1985 when I had my first encounter with what they called a \"Personal Computer\". It was at school, the thing was ugly...

News

[Planck contest results](#)
The BOINC Pentathlon is complete, as is our own Planck contest! You can see the results of the Planck contest [here](#) and of the Pentathlon [here](#). Congratulations to users Mumps[MM], UofS-Computer-Science, and Bryan, and to team SETI.USA (who also won the Pentathlon)! You guys will be added to the list of thank-yous in our paper.

[how to join](#)

In the end it was a quite exciting race for the 3rd place user



SETI@home Project Science Computing Community Site

[Sign Up](#) [Login](#)

What is SETI@home?

SETI@home is a scientific experiment, based at UC Berkeley, that uses Internet-connected computers in the Search for Extraterrestrial Intelligence (SETI). You can participate by running a free program that downloads and analyzes radio telescope data.

[Join SETI@home](#)

News


A 3D tour of the Green Bank Telescope.
We took a GoPro Omni 360 VR camera up to the top of the Green Bank Telescope, the largest steerable radio telescope in the world. [Join us on Part 1 of our journey](#), as we check out the telescope wheels that each carry more than a million pounds of weight, and learn about the 2004 individually controllable panels that make up the surface of the dish, which is larger than a football stadium.
28 Jun 2017, 18:24:15 UTC · [Discuss](#)

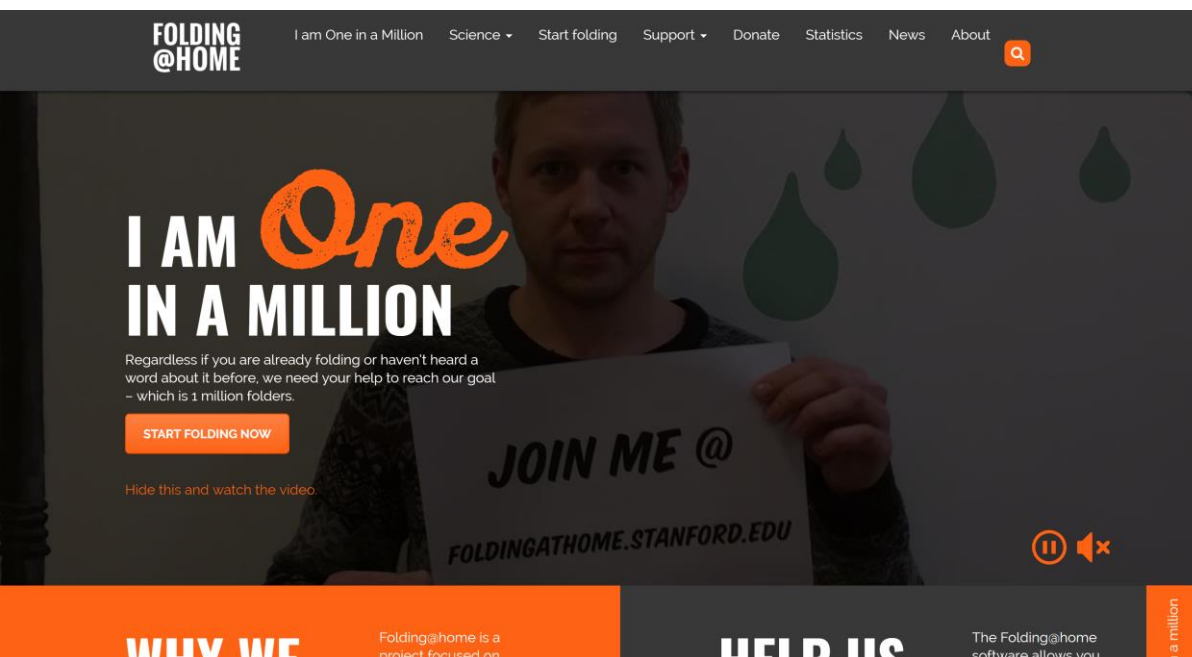
Help us improve RFI removal and scoring
The SETI@home back end is getting closer to completion.

- Our algorithms for removing RFI and finding repeated signals work fairly well.
- We can inject \"birds\" (synthetic signals) to measure how well they're working.
- We've developed tools for browsing, drilling down, and visualizing signals and candidates.

At this point we need to manually scan lots of results, looking for cases where our algorithms don't seem to be working

User of the Day

 **TulipVorlax**
I was with the classic SETI@Home for some years now. I just installed BOINC. And I find it really good. Other than that, I'm a computer guy that do...



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WHY WE Folding@home is a project focused on **HELP US** The Folding@home software allows you



fightAIDS@home powered by **AUTOdock**

The Olson Laboratory **THE SCRIPPS RESEARCH INSTITUTE**

HIVE HIV Interaction and Viral Evolution Center

Fight AIDS @ Home
Phase 2
Capsid
The AIDS Crisis
How Your PC Can Help
Research Team
The Discovery Process
FAQ

Click here to join
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world community grid

status

Click here for the latest status.

Recent progress and new directions in our research: watch the [clip of our new, live webinar from World AIDS Day 2012](#), by clicking on this link or looking at the embedded clip near the bottom of this page.

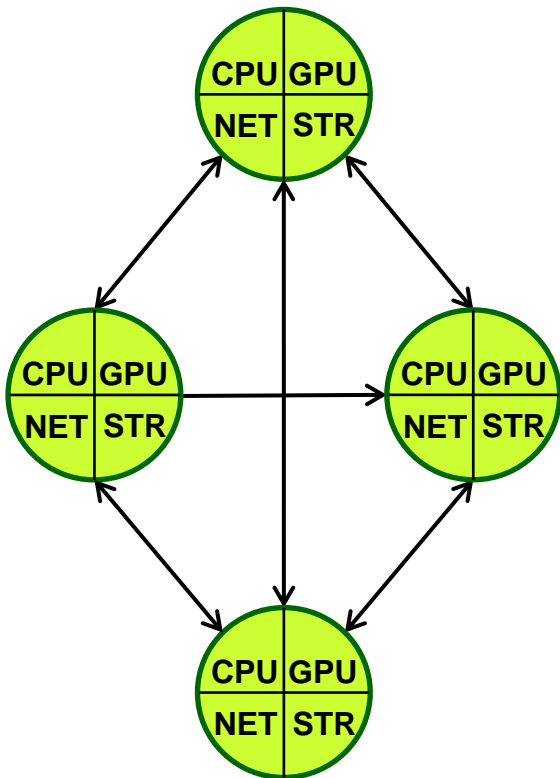
Read [Volume 12](#) of our FightAIDS@Home Newsletter, posted November 18, 2013. Videos from live webcasts on previous World AIDS Days are available for additional background information: [Dec. 1, 2011 webinar](#) or [Dec. 1, 2010 webinar](#).

Archived FightAIDS@Home News: [Volume 1](#), [Volume 2](#), [Volume 3](#), [Volume 4](#), [Volume 5](#), [Volume 6](#), [Volume 7](#), [Volume 8](#), and [Volume 9](#), [Volume 10](#), and [Volume 11](#).

Previous results: [Journal of Chemical Information and Modeling](#).

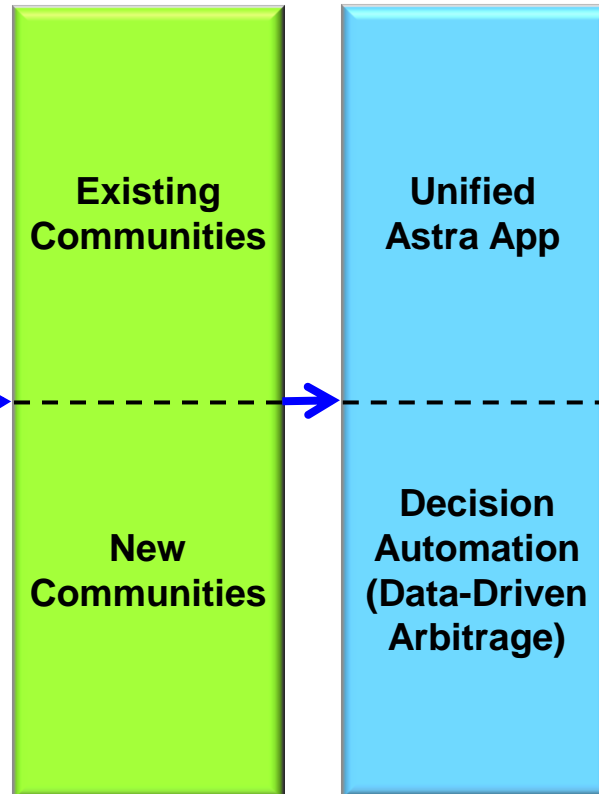
Astra's Position in the Value Chain – Closest to Consumers

Unused Capacity

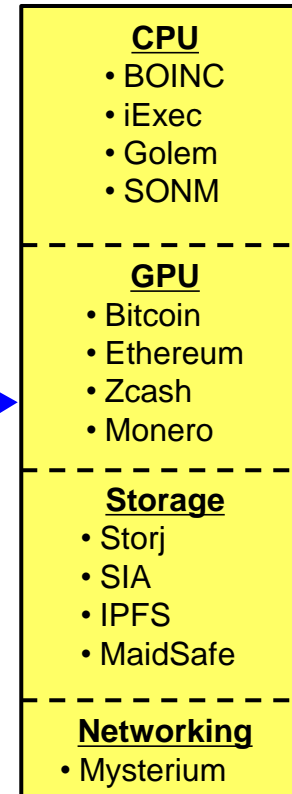


Consumers & Organizations

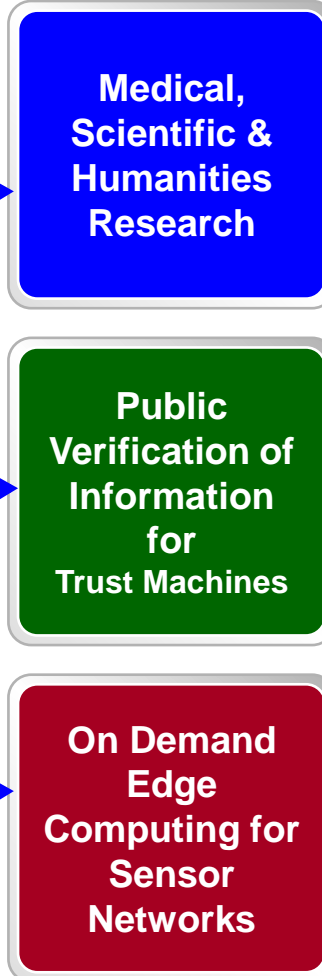
Astra



Open Source Sharing Networks



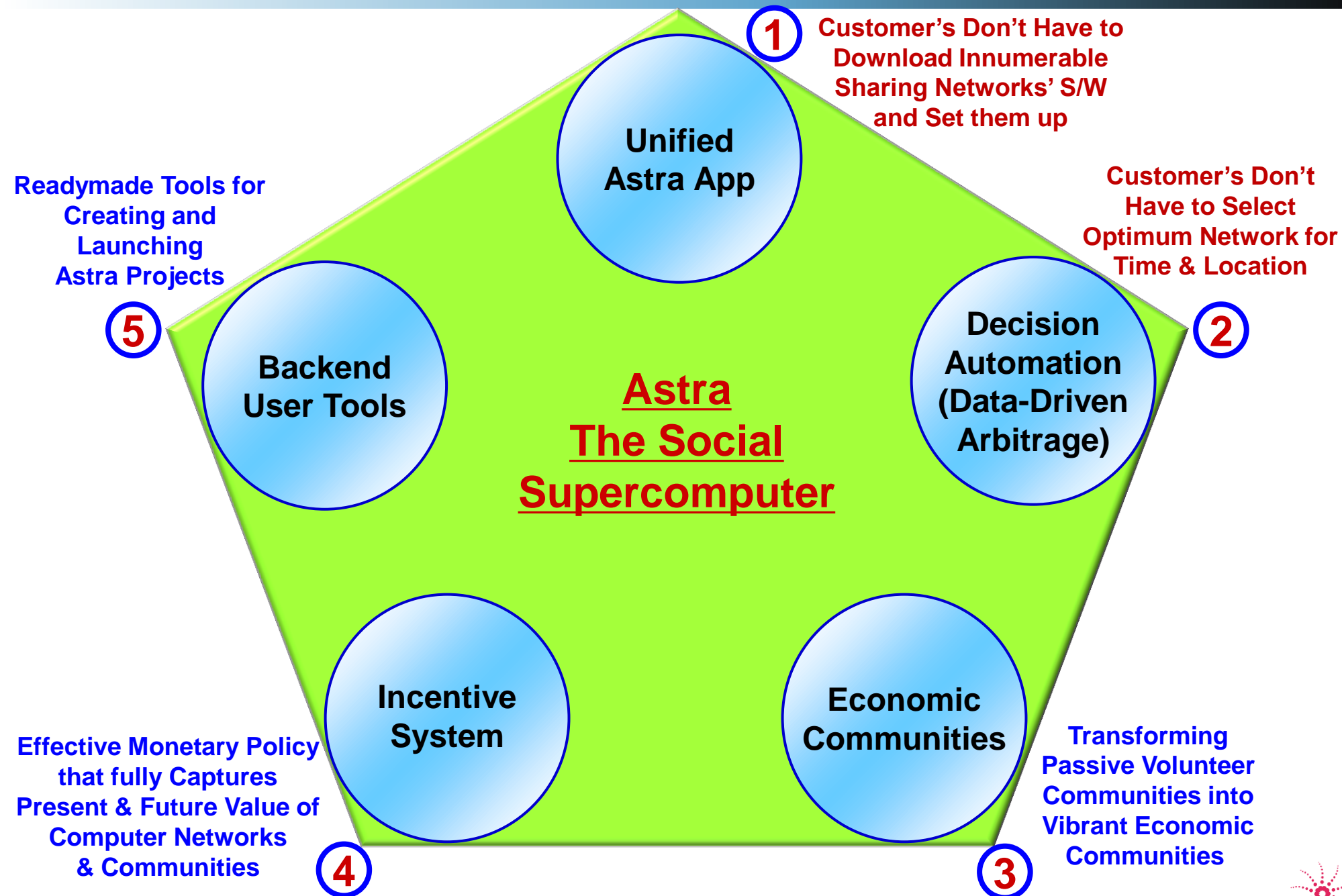
Back-end Users



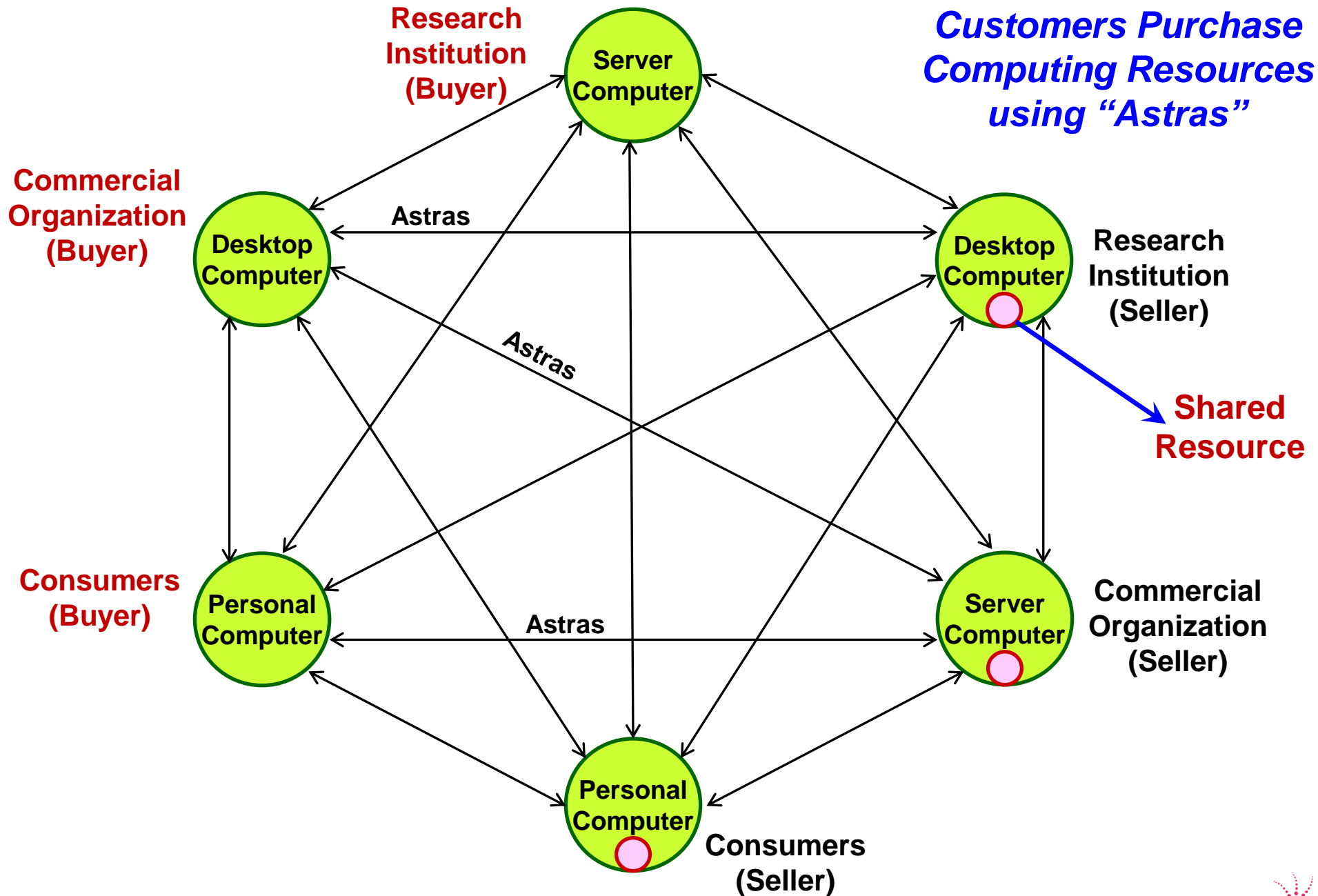
Astra Applications

Class	Domain	Applications
Scientific Truths	Medical Research	Discovering Causes and Cures for Cancers
		HIV/AIDS, Ebola, Zika, Tuberculosis, Malaria
		Molecular Drug Discoveries
	Scientific Research	Discover New Materials for Solar Panels
		Climate Predictions to Preserve Earth
		Search for Extra Terrestrial Intelligence
	Humanities Research	Understanding Shifts in Human Behavior
		Study and Preservation of Languages
		Archeological Research & Discoveries
Social Truths	Trustworthy Public Data on Transactions	New Digital Currencies for Cooperation
		New Automatic Credit Products
		New Instruments for Venture Financing
	Trustworthy Public Data on People and Assets	Trustworthy Universal Identity Systems
		Trustworthy Authenticated Credentials
		Trustworthy Universal Asset Registries
	Trustworthy Public Data on Governments	Trustworthy Public Repository on Revenues
		Trustworthy Public Repository on Expenses
		Trustworthy Public Data on Politicians & Officials

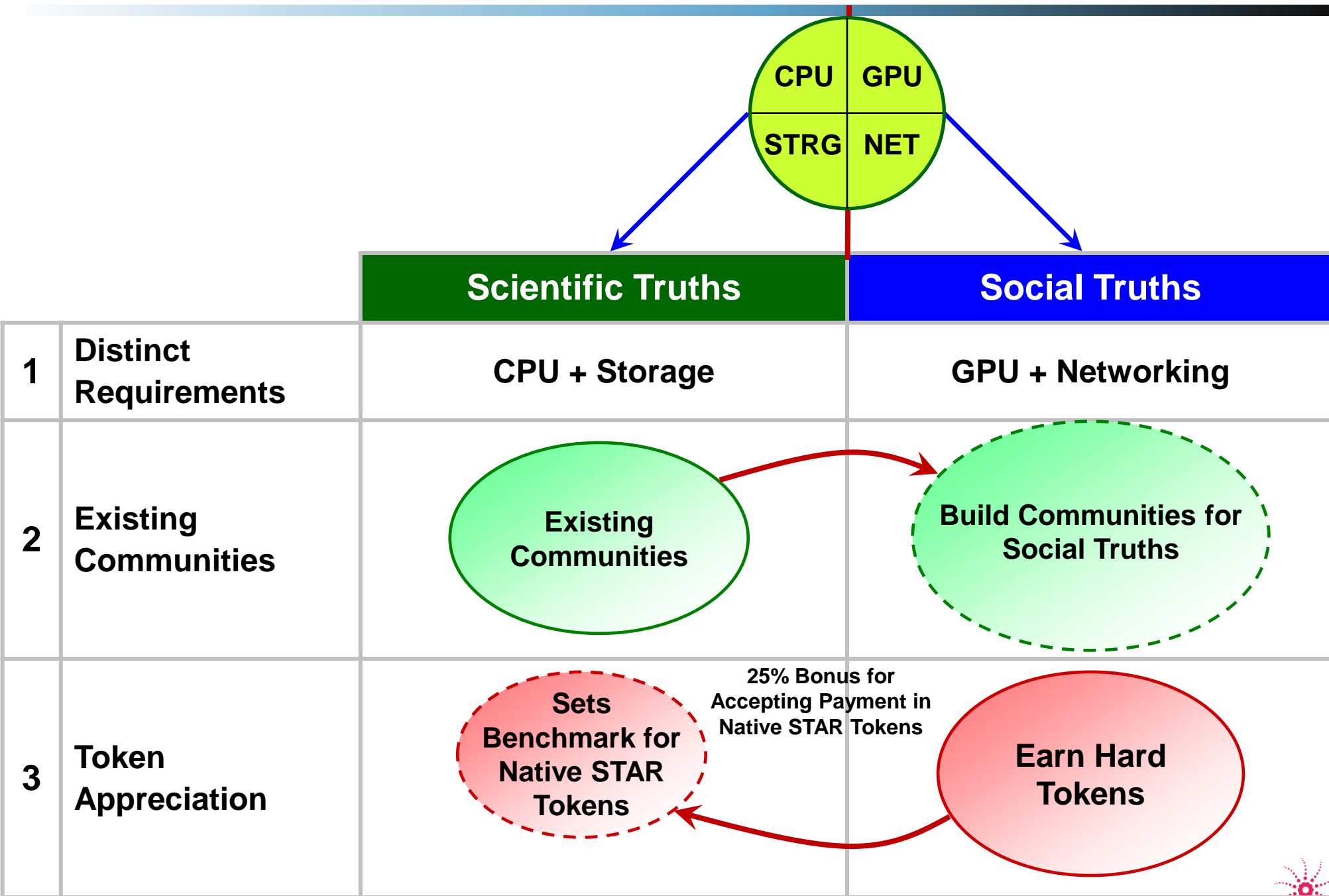
5-Pronged Astra Solution



Peer-to-Peer Market for Computer Sharing



Why Astra is Seeking both Scientific & Social Truths?

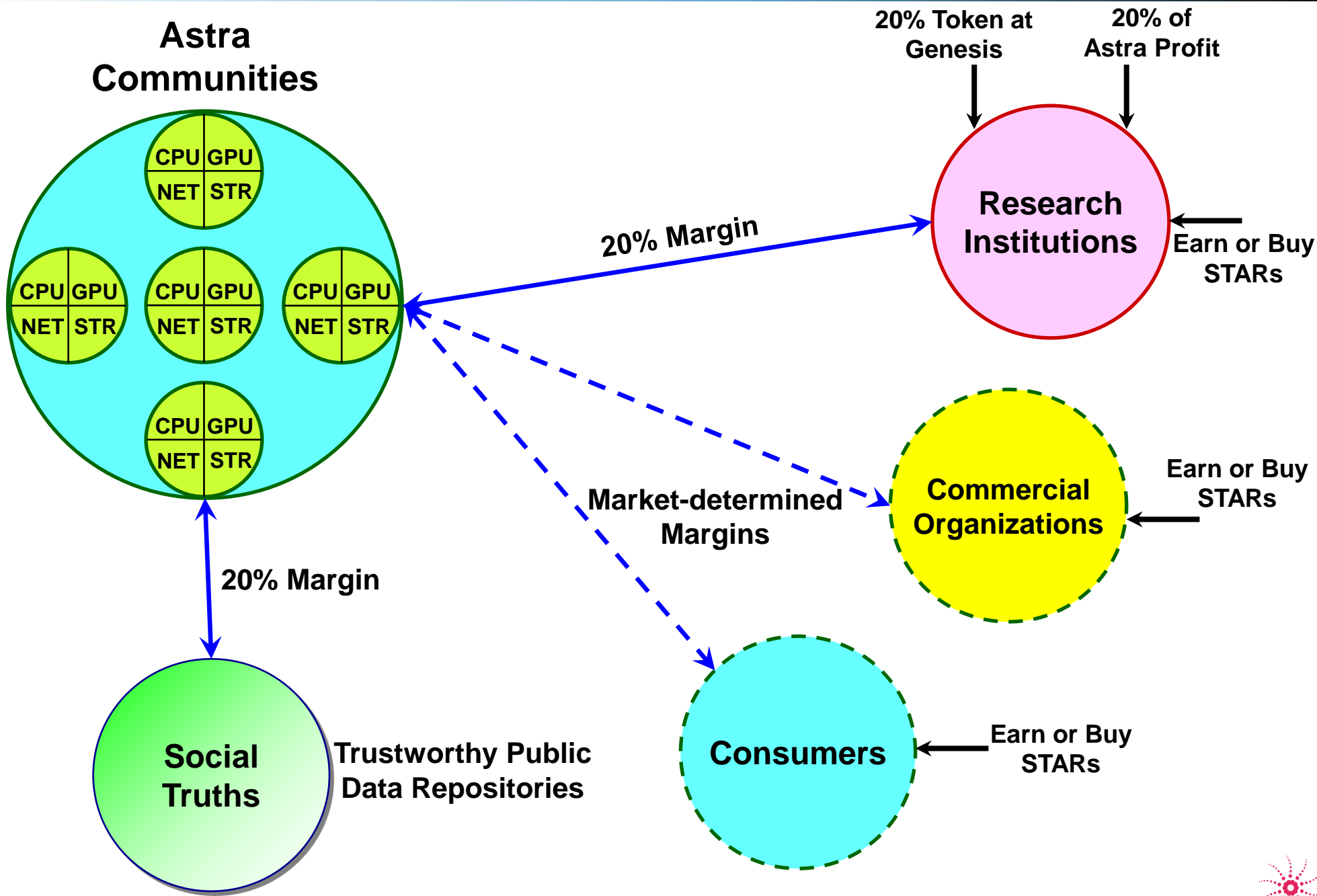


Why STAR Value will Rise over Time?

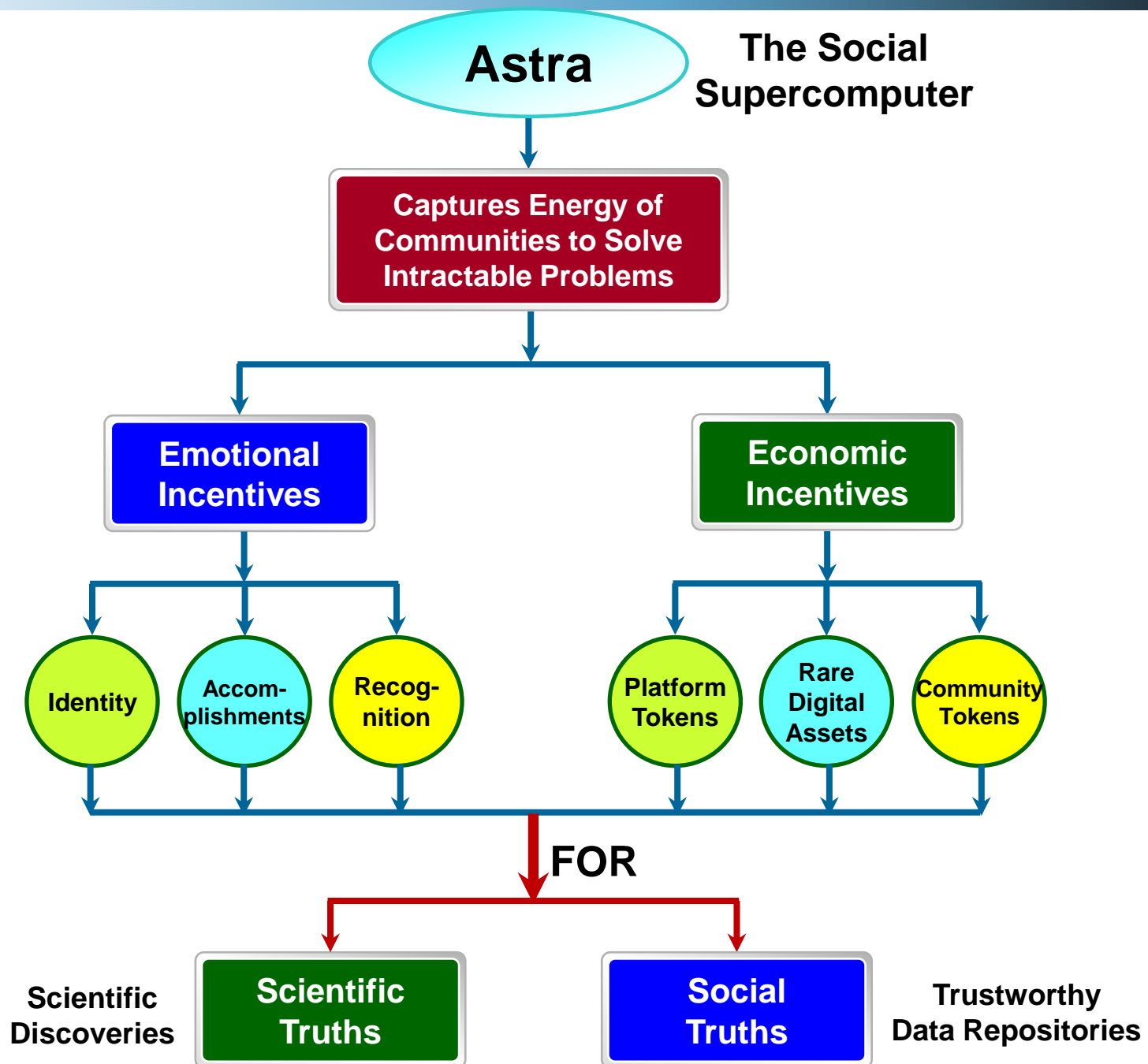
- **Unmet Need**
 - Trustworthy Network for Verifying Information
 - An Ownerless, Ethereal Network of Independent Nodes
- **Anchor with Established Coins**
 - Establishes References for STAR Valuation
- **Fixed Token Supply**
 - Total Number of Tokens = 1 Billion



Astra Business Model



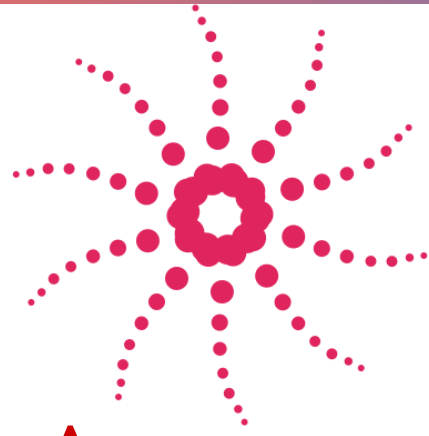
Astra Captures Energy of Communities with both Emotional & Economic Incentives for Scientific Truths & Social Truths!



Astra – The Social Supercomputer

- **Earn valuable Digital Currencies while doing Good Karma!**





Astra

The Social Supercomputer