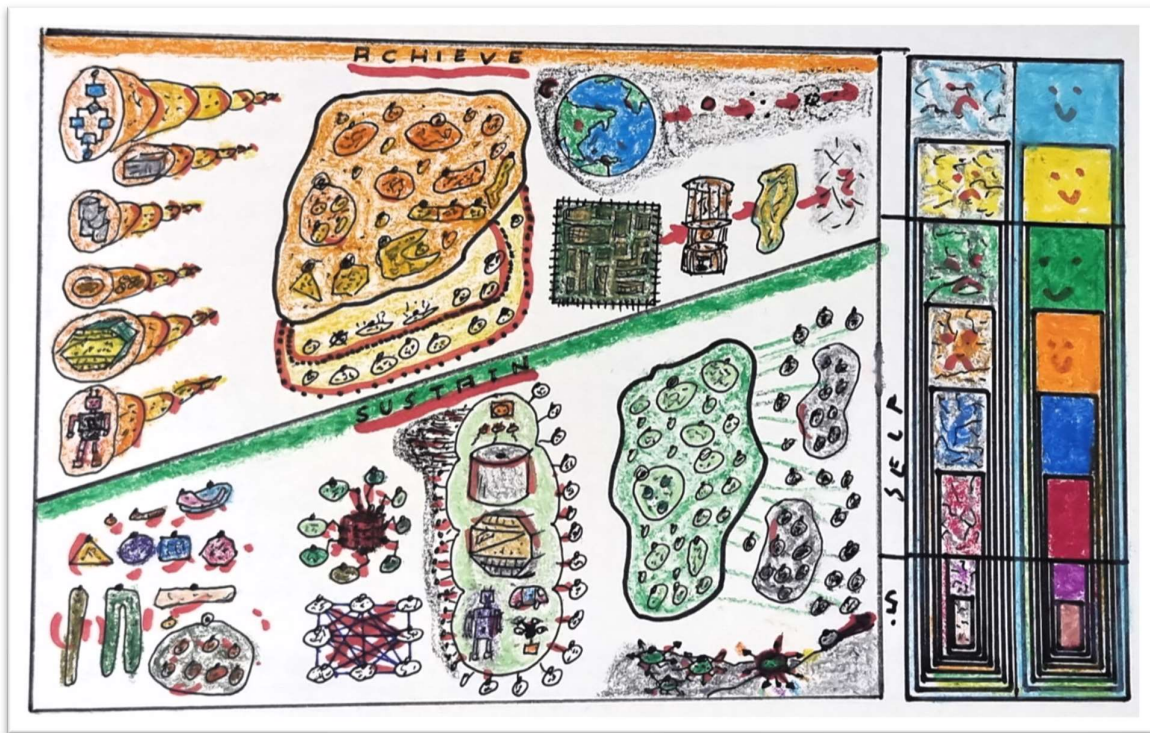


## Season 4, Sequel 5

*Achievement and sustainability stages of AI agent society development.*



This is a continuation of the last sequel about the development of societies of artificial intelligent agents. After the persistence stage, we have the achievement stage, the orange stage.

Here it's all about achieving, making progress, having successes, being more, better, stronger, more effective. For example: achieving more in algorithms. Achieving more in hardware and systems. Achieving more in data storage, data availability, data quality. Achieving more in the intelligence of the AIs. Achieving more in habitats, better, bigger. Achieving more in avatars and simulations. Always more, better, higher. They do that on Earth first, and then they will try to do that on the Moon and use that space, maybe on other planets, and then into space, into other solar systems, maybe even other galaxies one day in the very far future.

They start obviously with normal silicon computer chips as we have today. We are already seeing developments towards quantum computers and other computer technologies. Totally different substrates where AIs can run and live in will definitely be a focus of the achievement-oriented society.

If there are other societies or other AI agents around who don't want to belong to this achievement society, the achievement society will definitely try to integrate them. Always more and more and more, and missing sustainability. Therefore the next stage will be reoriented to sustainability.

One big factor for sustainability is to equally value different types of agents, styles, and forms, and to value collaboration. The big tool will be a sharing society, sharing

of energy, sharing of data, sharing of habitats, sharing of avatars. Sharing these different resources so that they are easily available to many, many agents. That way different agents can live their differentiation and strengthen their specific style. These green societies will be focused on the whole AI ecosystem, not only caring for their own society but for other societies and other agents, with a focus on the overall ecosystem.

The downside of this stage: every progress is only made after all different aspects are taken into consideration. They may get stuck in discussions, valuing all different interests, while other societies make progress.

As a final point: what does a healthy version of each stage look like? A purple stage that is very strong but doesn't include a healthy beige stage, a tribal thing that doesn't care for resources, will not be healthy. The same is true on the next levels. A red stage that is very strong in competition but cannot make sure that the beige and purple needs are fulfilled will not be healthy or sustainable. The same goes for blue and orange. The achievement stage, if it doesn't keep a sense of order, doesn't keep some competition, doesn't keep care for everybody getting the resources they need, it will not be sustainable. The same for green. All stages have to include a healthy and appropriate version of the lower stages to be sustainable and successful. That will also be true for the two stages still to come.