

# Humanism – Complexity

A starting point for thinking about everything.

The world is complex.

Space is vast and as the space around us increases the number of things in it increases and this becomes ever more complex.

Time is vast and as our knowledge and of it and possibilities increase this becomes ever more complex.

Humanism Processes Supported:

1.Observe 3. Manage Issues

1.3 Frame, 1.4 Structure, 1.4 Analyze, 1.7 Hypothesize

Author: Jonathan Pearson

Location: Canberra Australia

Version:1

Date: 06/04/2019

Updated: 06/04/2019

Humanistman.Contact@gmail.com

<https://creativecommons.org/licenses/by/4.0/>



Attribution  
CC BY



# Frame

Hypothesis: Human Complexity is usefully framed in 2 dimensions by Time and Number of Humans.

Hypothesis: Individual Humans change their view within the frame over time.

## Questions

1. What are useful group categories of Humans?
2. What Timescales are useful to Humans?
3. How does Human activity interact with the 2 dimensions?

Population: Individual Humans, Groups

Measure: Supporting model for – Frame, Manage Issues, Agree

Assumption: Common Categories exist for Time and Human groupings.

Information Sources and Topics: Human Activity, WWW - including those links provided.

Motivations: Understand the Frame and Human view (context and perspective) within it

Initial Conditions, Self reference: Frame



# Terminology

- Complex - Complicated, Braided, Weaved, Connected, Surrounding, Encompassing, Related, Intricate
- Timescale
- Person, Family Nation,
- Development over time
- “There are more things in heaven and earth, Horatio, Than are dreamt of in (y)our philosophy.” – Hamlet – William Shakespeare
- The Global Brain (its growing) [https://en.wikipedia.org/wiki/Global\\_brain](https://en.wikipedia.org/wiki/Global_brain)
- Chaos Theory (its complicated and unpredictable) [https://en.wikipedia.org/wiki/Chaos\\_theory](https://en.wikipedia.org/wiki/Chaos_theory)
- Heisenberg's uncertainty principle, Limits to Measurement (its improbable at the extremes) [https://en.wikipedia.org/wiki/Uncertainty\\_principle](https://en.wikipedia.org/wiki/Uncertainty_principle)
- United Nations Framework Convention on Climate Change (UNFCCC) (An example world framework - nations) [https://www.aph.gov.au/About\\_Parliament/Parliamentary\\_Departments/Parliamentary\\_Library/Browse\\_by\\_Topic/ClimateChangeold/governance/international/unfccc/unfccc](https://www.aph.gov.au/About_Parliament/Parliamentary_Departments/Parliamentary_Library/Browse_by_Topic/ClimateChangeold/governance/international/unfccc/unfccc)



# Humanism Framework

## Space Frame

Humans tend to expand their view of humanity as they grow and learn. The initial condition is one Human. Then families, friends and tribes form. In recent times we have developed Nations and we became more aware of the whole planet Earth and everything on it. Eventually we saw Earth in its place within a vast universe.

- One Human
- Couple - interactions with other humans
- Family - a small group
- Group - larger groups and tribes
- Nation - large group connected to defined area
- Earth – Planet Earth
- Everything – the universe and everything in it



# Humanism Framework

## Time Frame

This time frame is directionless – i.e. it is about a length of time which could happen now, in the past or in the future.

The smallest unit of time a human is aware of is an instant. Then we learn to react and observe our reactions. Then we learn to choose and make a decision. A while is that length of time which can be long or short. Lifetime is our lifetime. Ongoing covers multiple human lifetimes. All time is ever.

- Instant
- Reaction
- Decision
- A While
- Lifetime
- Ongoing
- All time



# Humanism Framework

## World View

We can put these frames on X-Time Frame and Y-Space Frame axis and map the areas of human interest.

Humans tend to focus on different areas of the frames at different stages of their lives and development.

This is sometimes called “a world view”.

Our world view changes as we develop and learn.

NASA <https://worldview.earthdata.nasa.gov/>

The key features of a “world view” is that is an attempt to push the boundaries of our own personal knowledge and integrate other human’s ideas and discoveries.

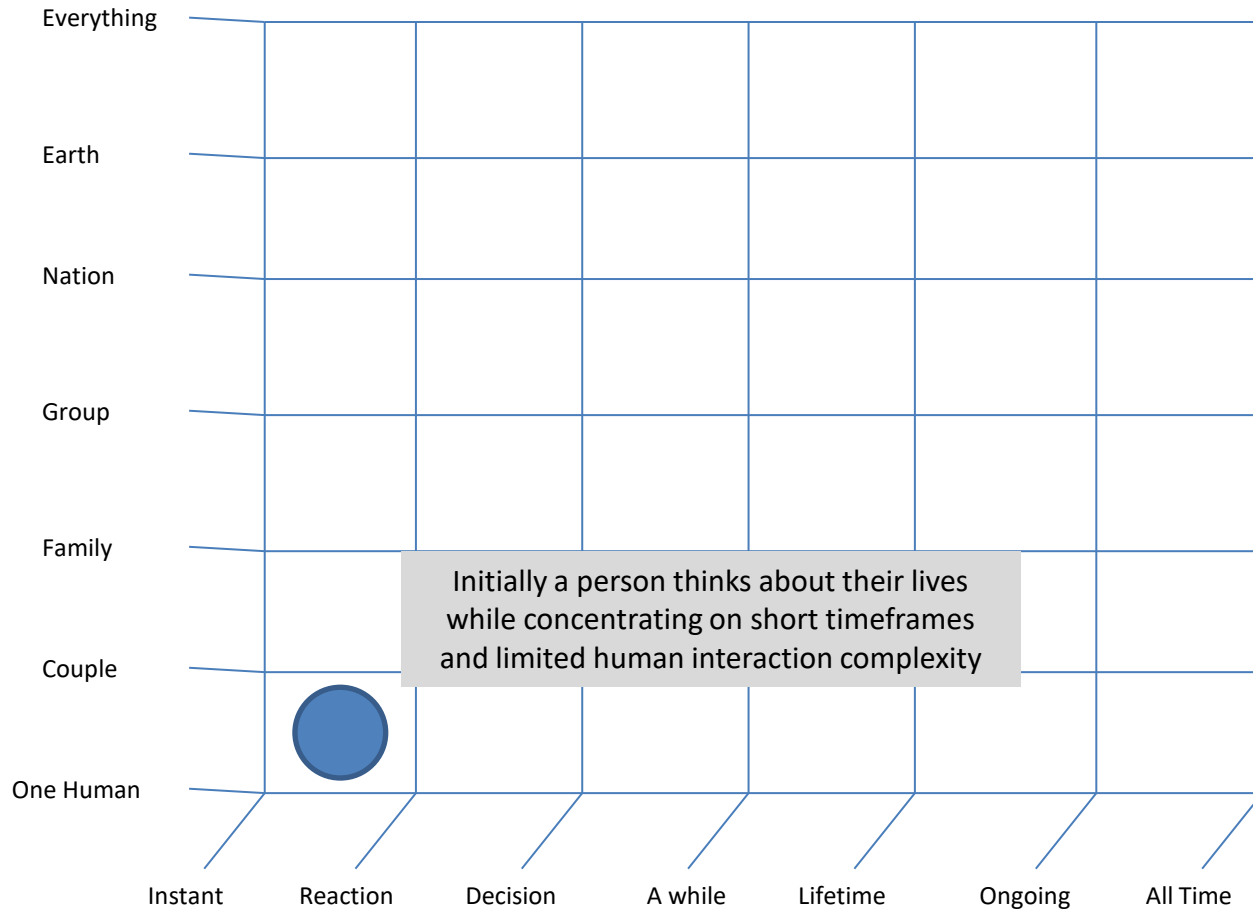
The following slides are examples of mapping some human activity on to the X/Y axis and Time Frame and Space Frame.



# Humanism Framework

## Complexity & Timeframe - Person

Spaceframe

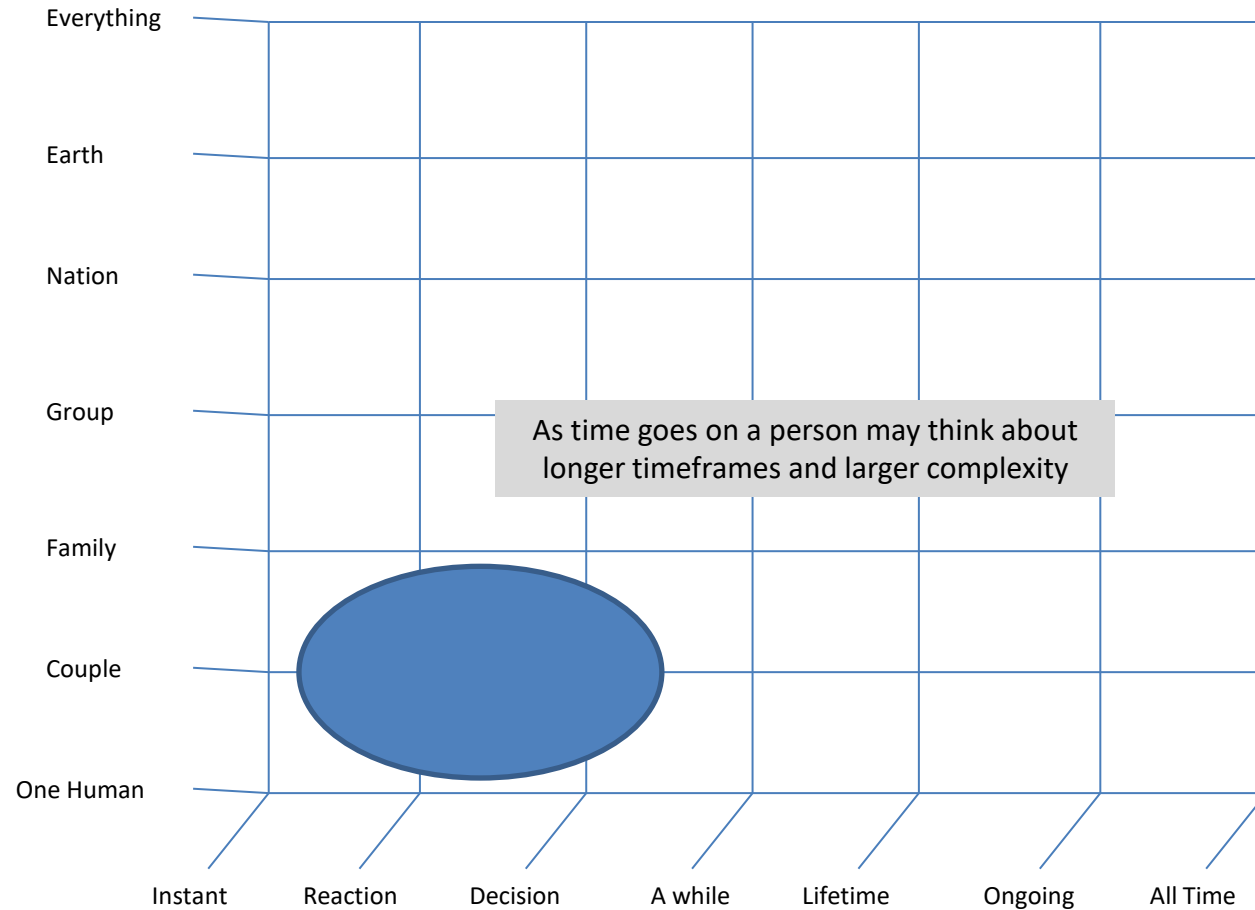


Timeframe



# Humanism Framework

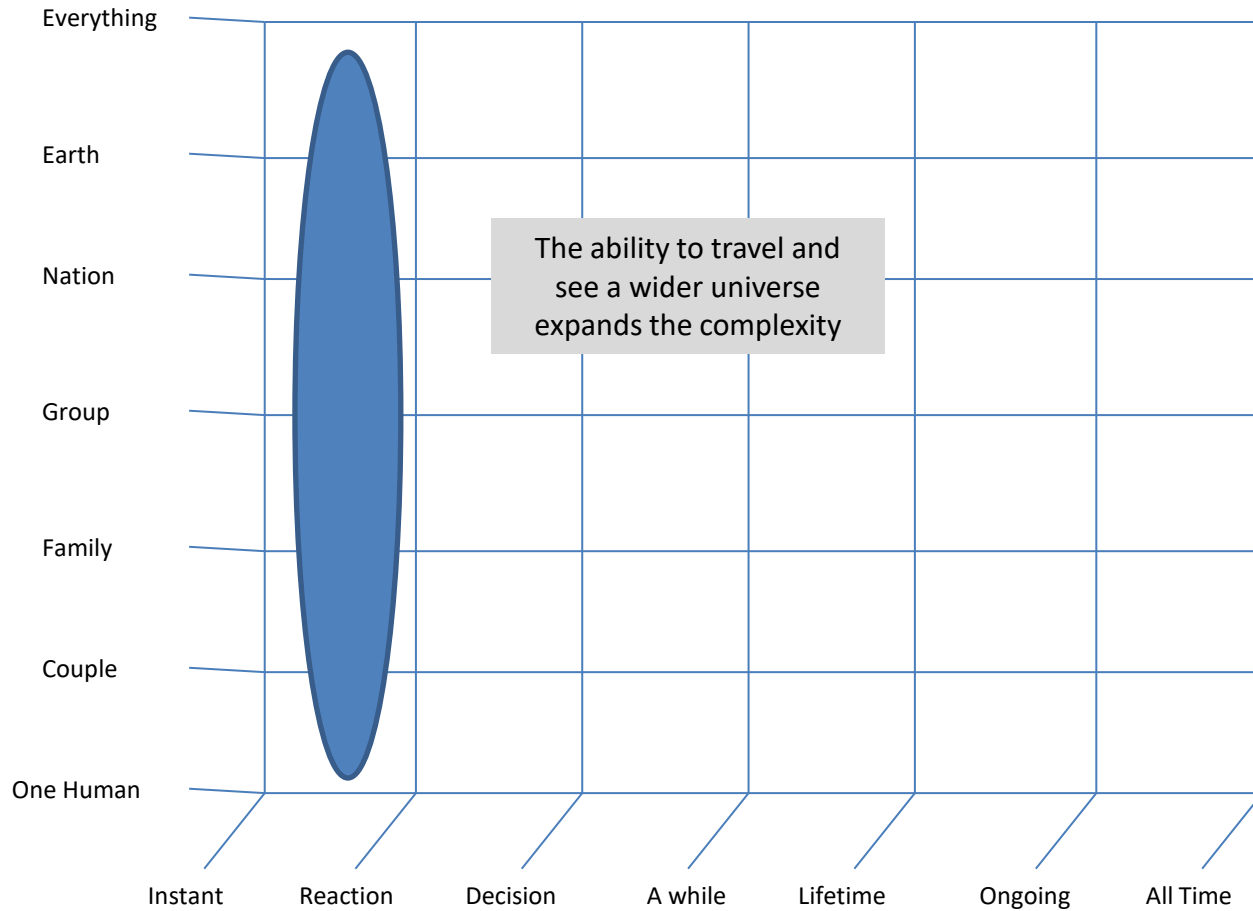
## Complexity & Timeframe - Person





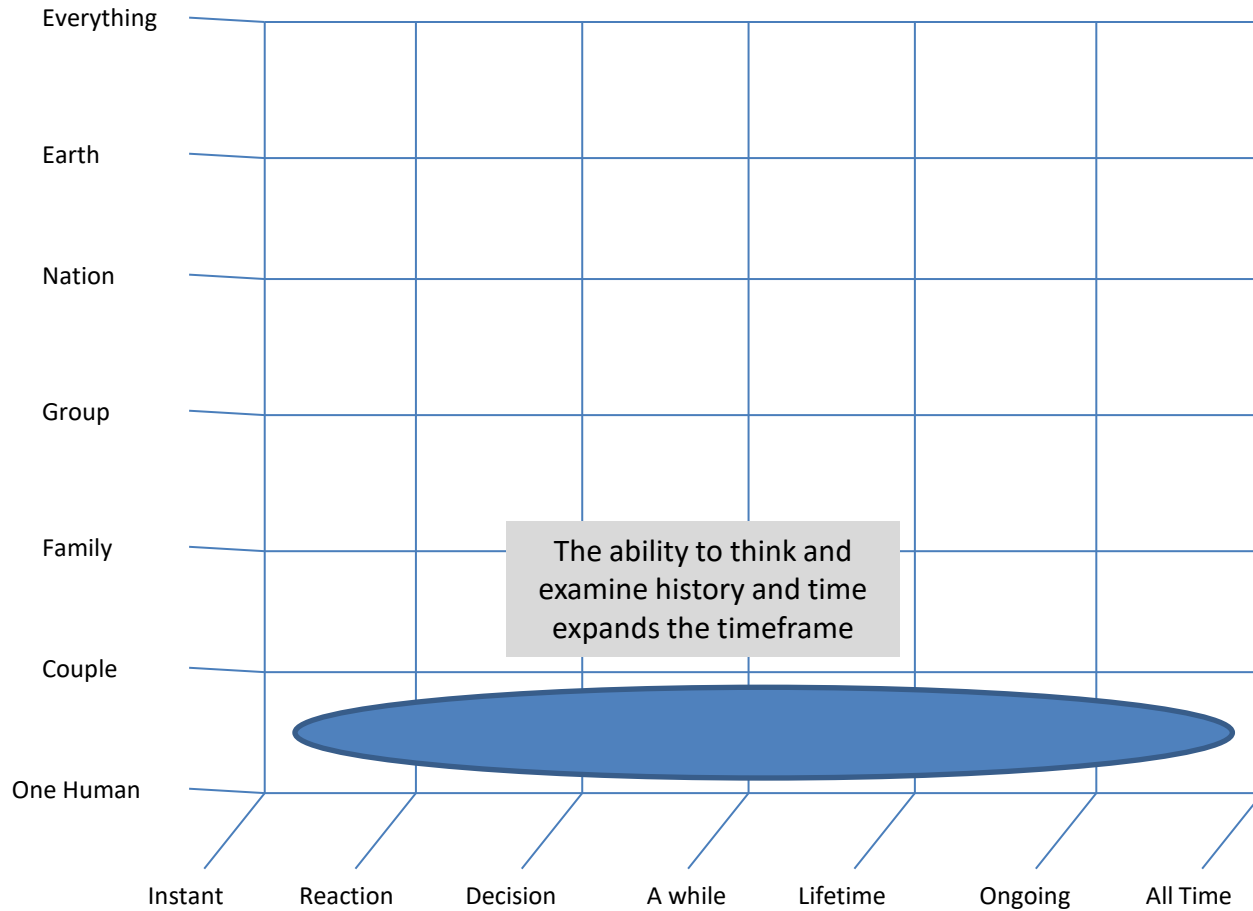
# Humanism Framework

## Complexity & Timeframe - Person



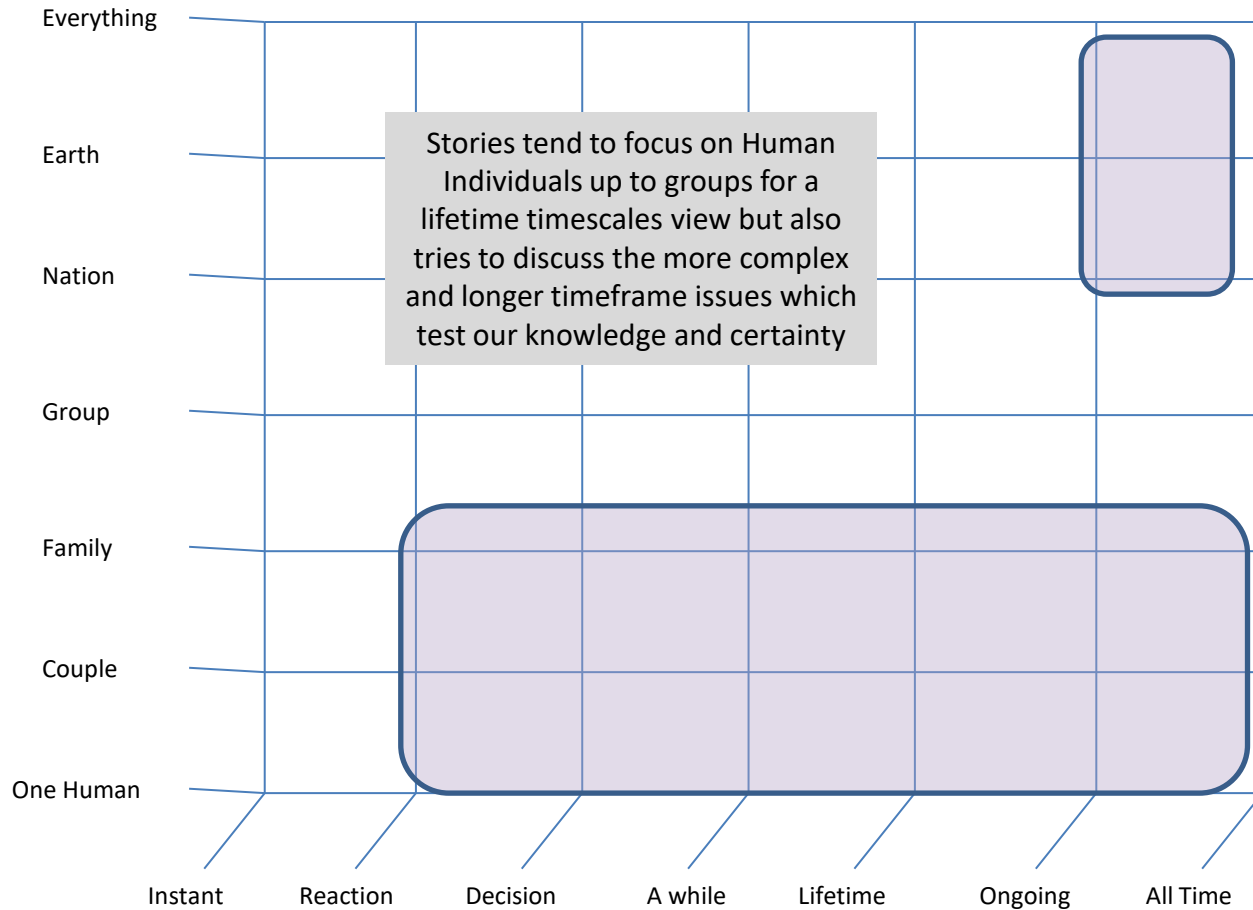
# Humanism Framework

## Complexity & Timeframe - Person



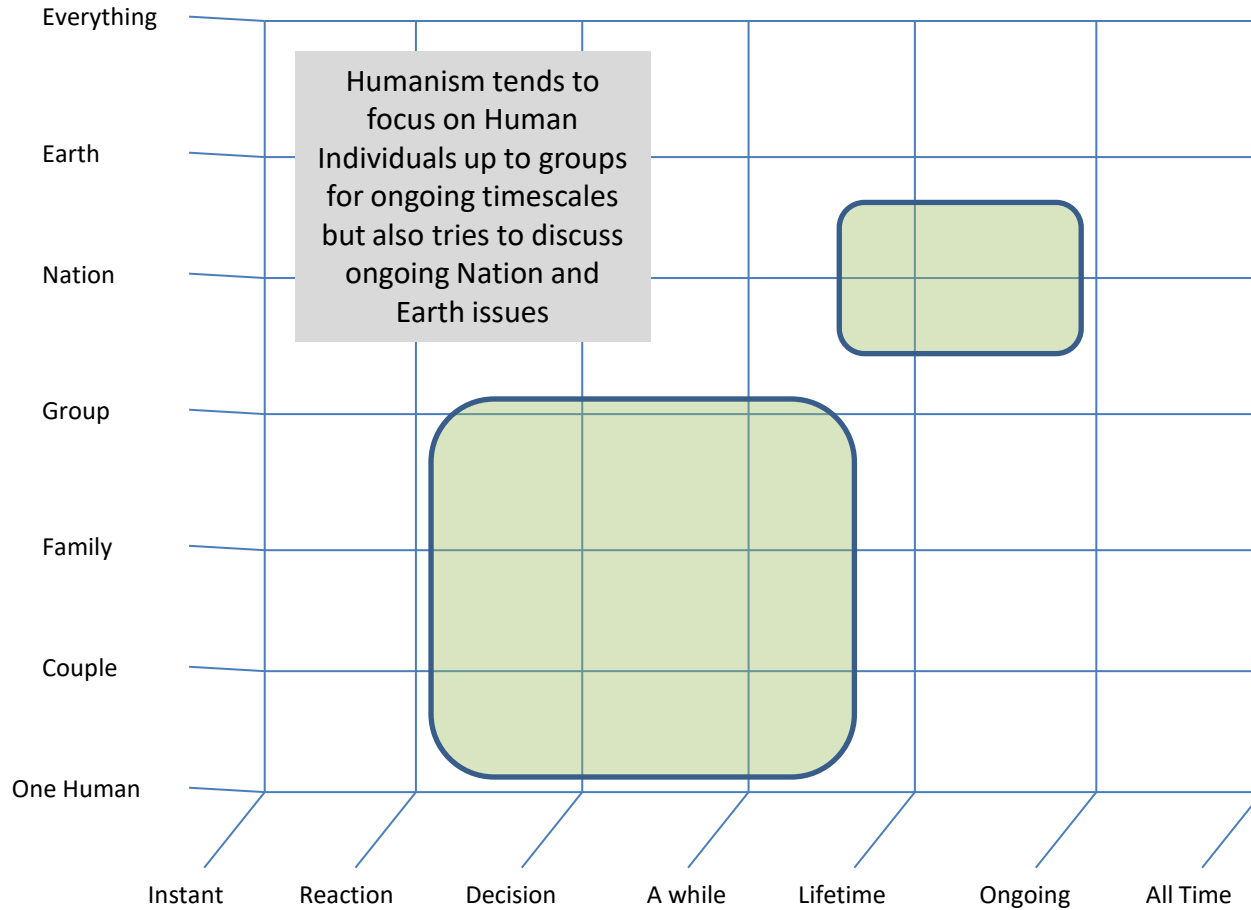
# Humanism Framework

## Complexity & Timeframe –Stories



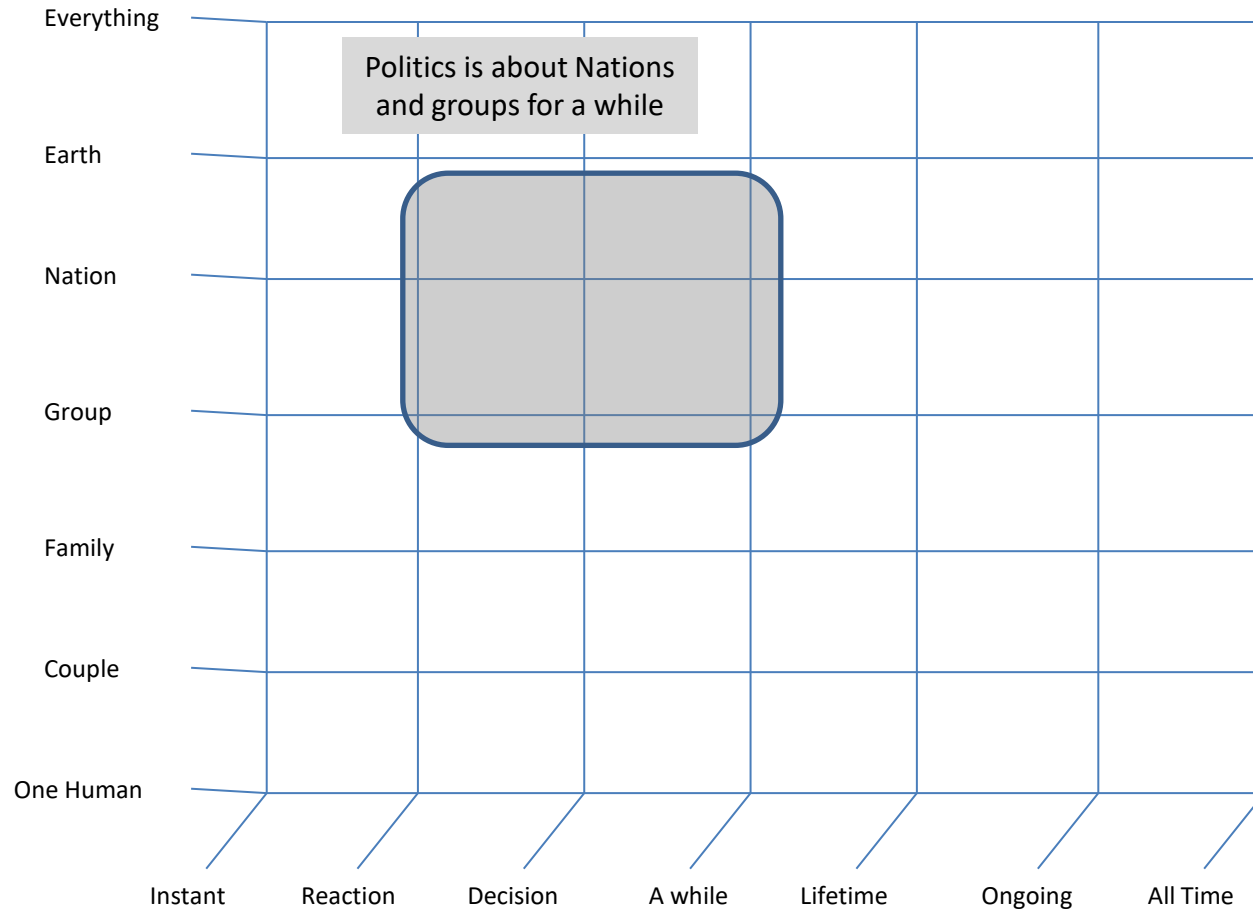
# Humanism Framework

## Complexity & Timeframe – Humanism



# Humanism Framework

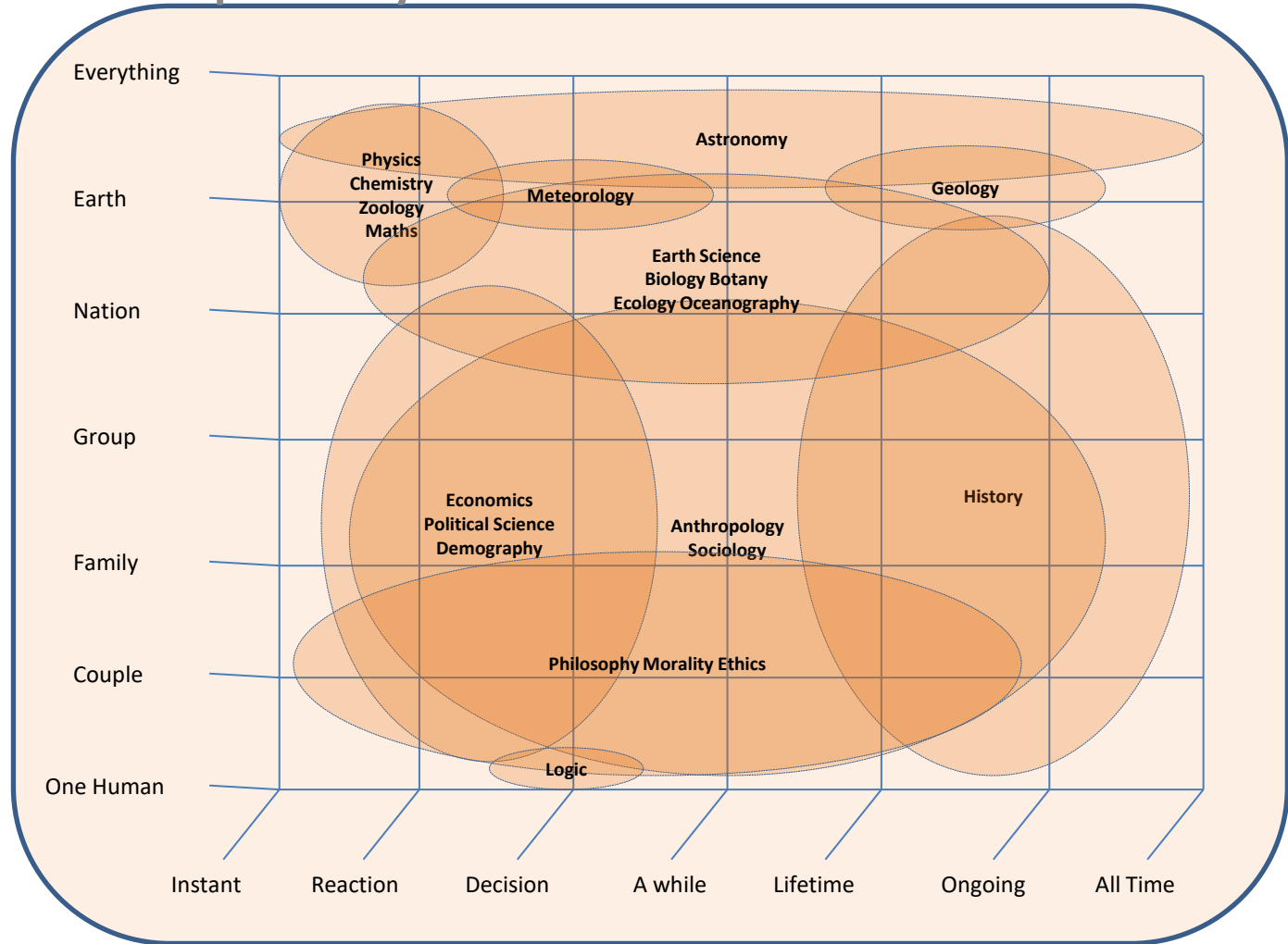
## Complexity & Timeframe – Politics



# Humanism Framework

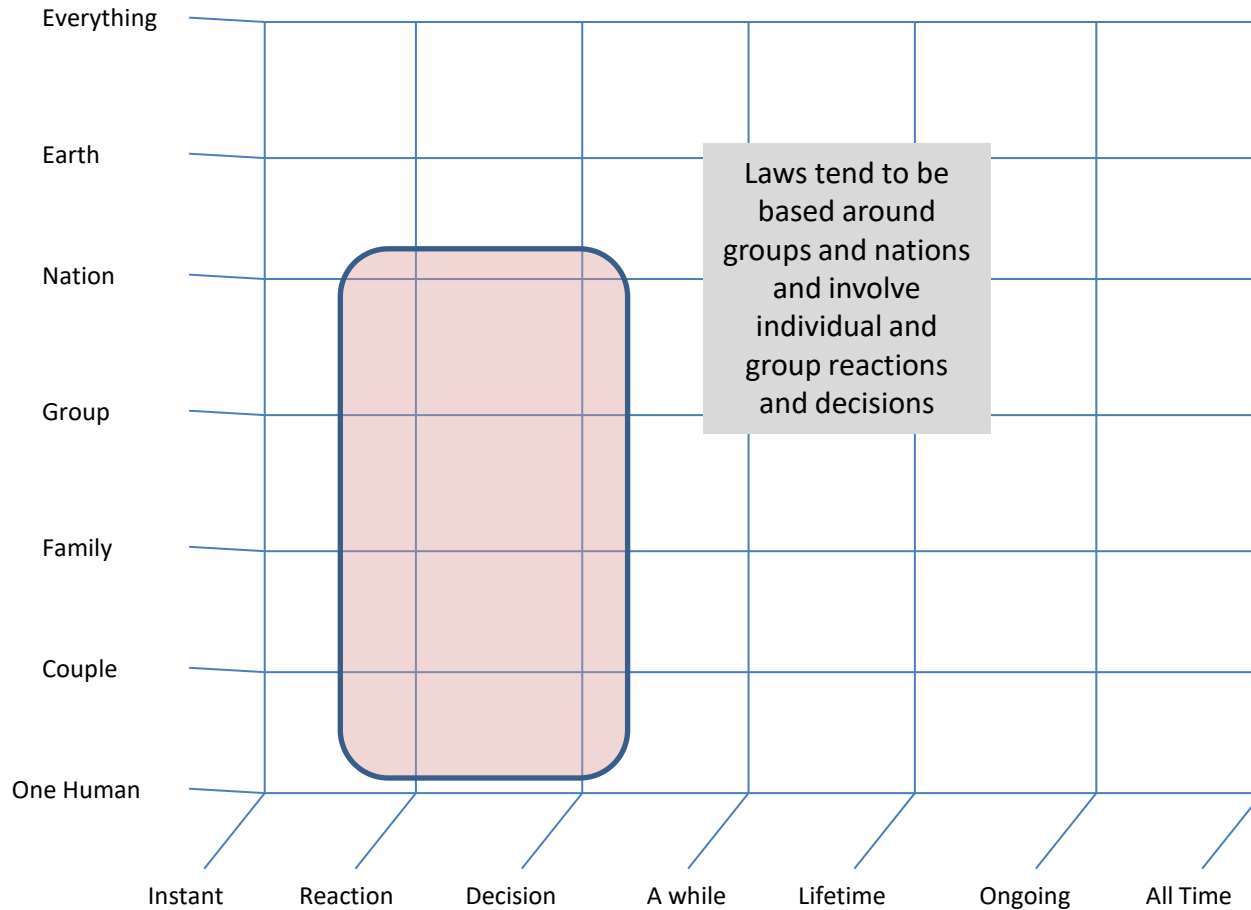
## Complexity & Timeframe – Science

Science and associated disciplines has a wide coverage including the frameworks for discussion



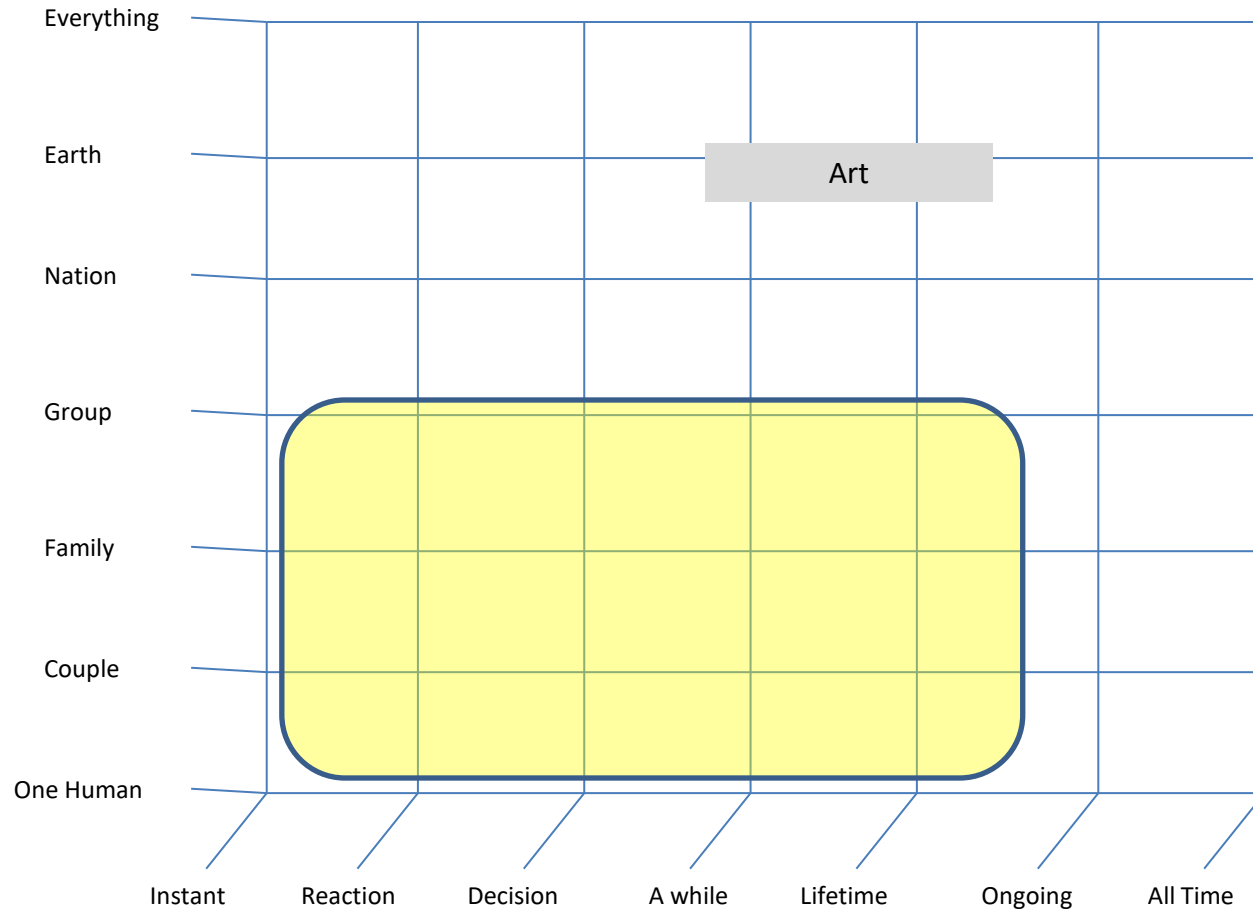
# Humanism Framework

## Complexity & Timeframe – Legislation



# Humanism Framework

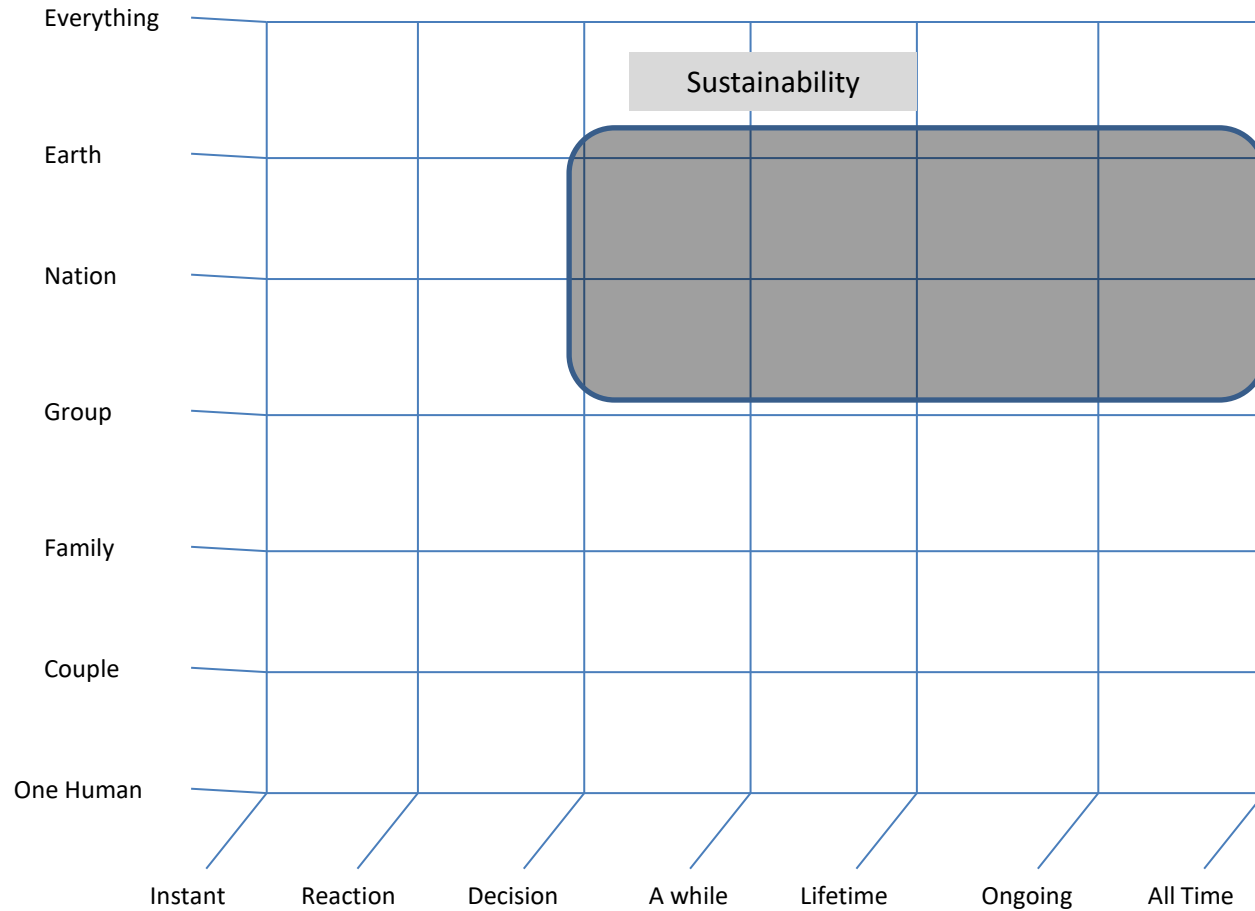
## Complexity & Timeframe – Art





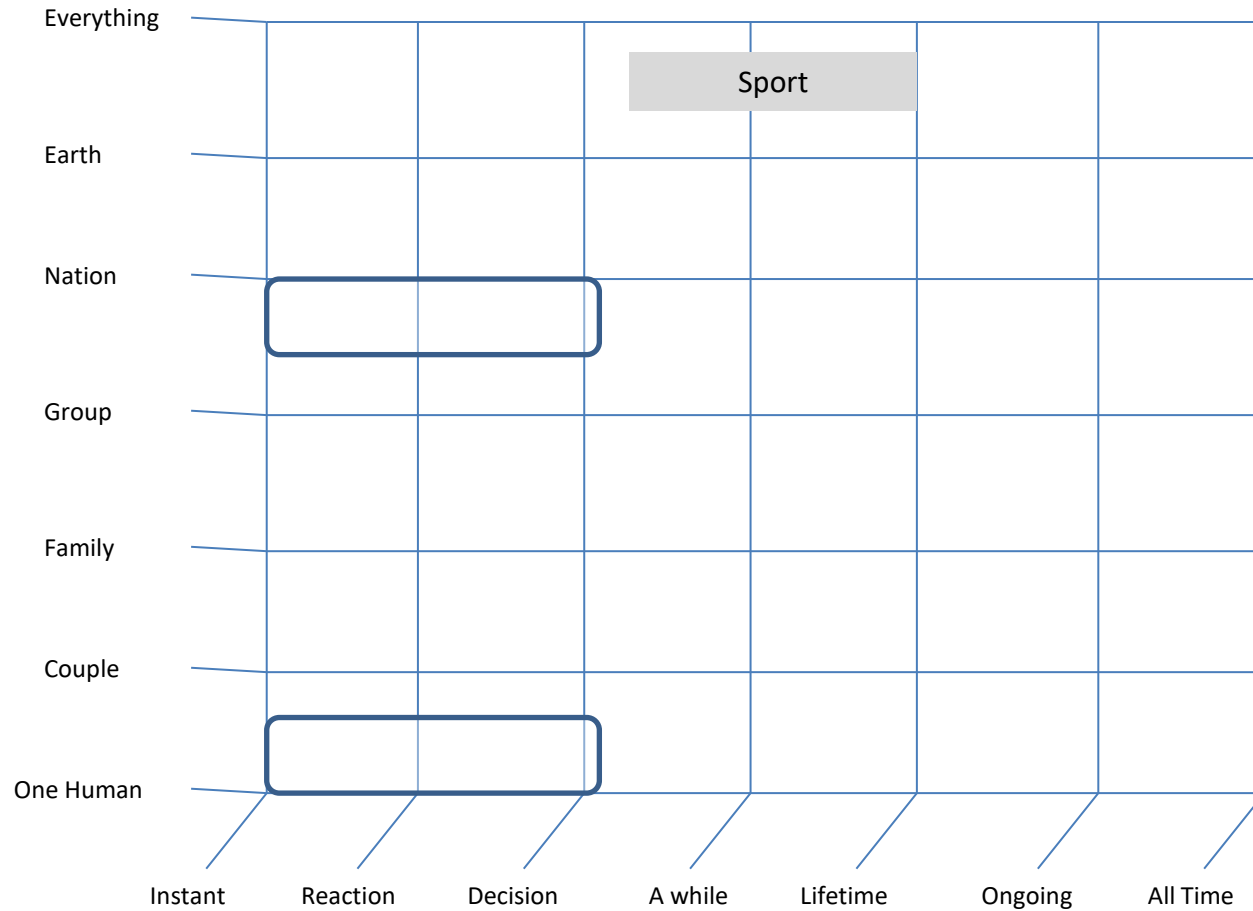
# Humanism Framework

## Complexity & Timeframe – Sustainability



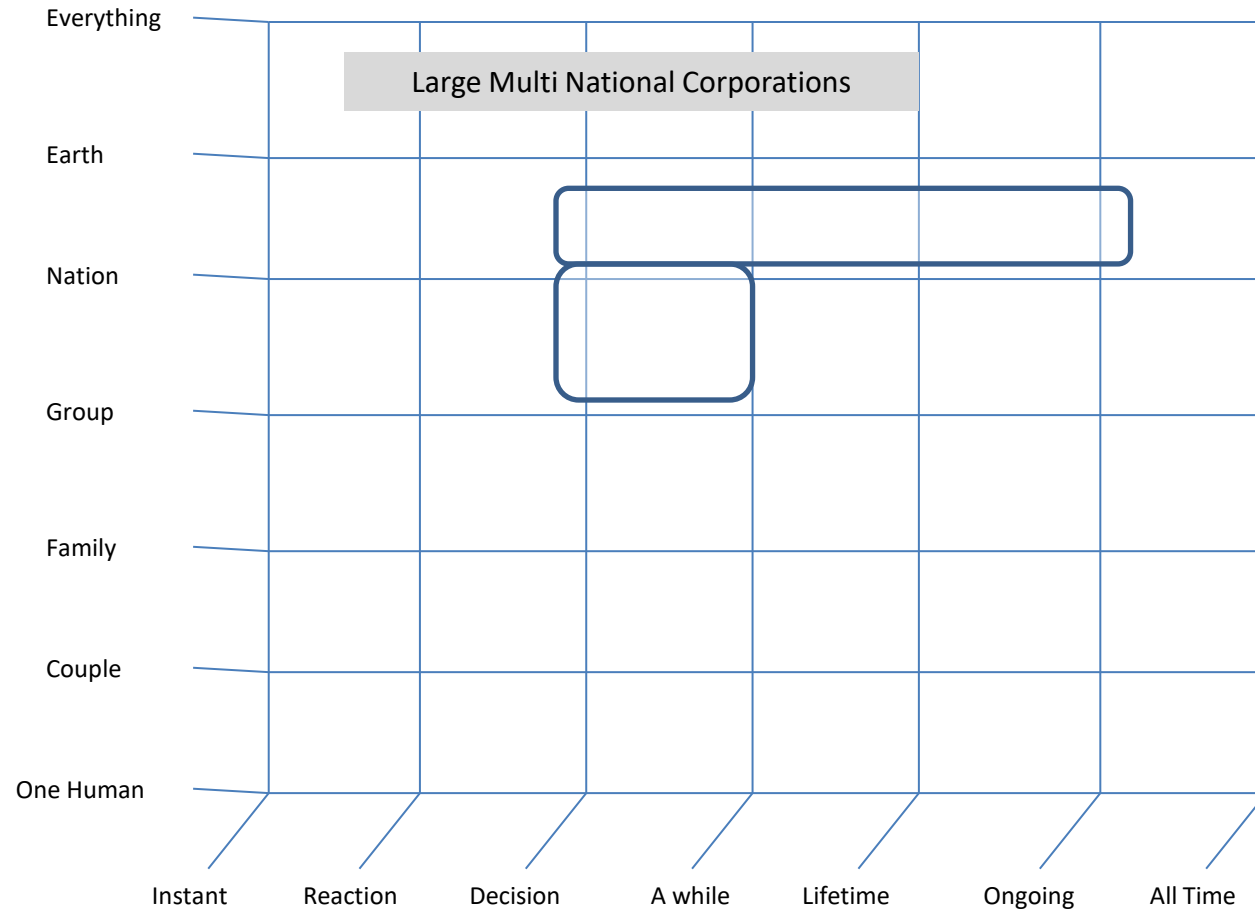
# Humanism Framework

## Complexity & Timeframe – Sport



# Humanism Framework

Complexity & Timeframe – Large Corporations



# Additional References

- Weltanschauung <https://www.merriam-webster.com/dictionary/weltanschauung>
- Albert Einstein, Hermann Minkowski [https://en.wikipedia.org/wiki/Minkowski\\_space](https://en.wikipedia.org/wiki/Minkowski_space)
- Perception of Time <https://www.theguardian.com/science/2013/sep/16/time-passes-slowly-flies-study> Age perception Calculator <http://ageperception.nuuleap.com/>
- Moreira Ferreira, Vanessa Fernanda & Paiva, Gabriel & Prando, Natália & Renata Graça, Carla & Kouyoumdjian, João. (2016). Time perception and age. Arquivos de Neuro-Psiquiatria. 74. 299-302. 10.1590/0004-282X20160025.  
<https://www.researchgate.net/publication/301344855> Time perception and age
- Story in Newyorker on Dunbar's number <https://www.newyorker.com/science/maria-konnikova/social-media-affect-math-dunbar-number-friendships>