

Re-membering Heritage Science

Who might be future role players?

25/01/2024



INTERNATIONAL CENTRE FOR THE
STUDY OF THE PRESERVATION AND
RESTORATION OF CULTURAL PROPERTY
CENTRE INTERNATIONAL D'ETUDES
POUR LA CONSERVATION ET LA
RESTAURATION DES BIENS CULTURELS



Proceedings of the International Seminar
Bologna, Italy, 26-27 November 1999

The Bologna Document, 1999

Definition:

A Conservation Scientist today can be defined as a **scientist with a degree in one of the natural, physical and/or applied scientific disciplines** and with further knowledge in conservation ...

There are two possible routes to becoming a Conservation Scientist:

- a **postgraduate course** in conservation science (preferably two years) ...
- **on-the-job training** as part of a conservation science team and continuous professional development (CPD) by attendance at relevant short courses.

A hand holding a magnifying glass with a brass handle and frame. The lens is focused on the text 'Heritage science' which is written in a purple serif font. The background is a light, neutral color with a subtle gradient.

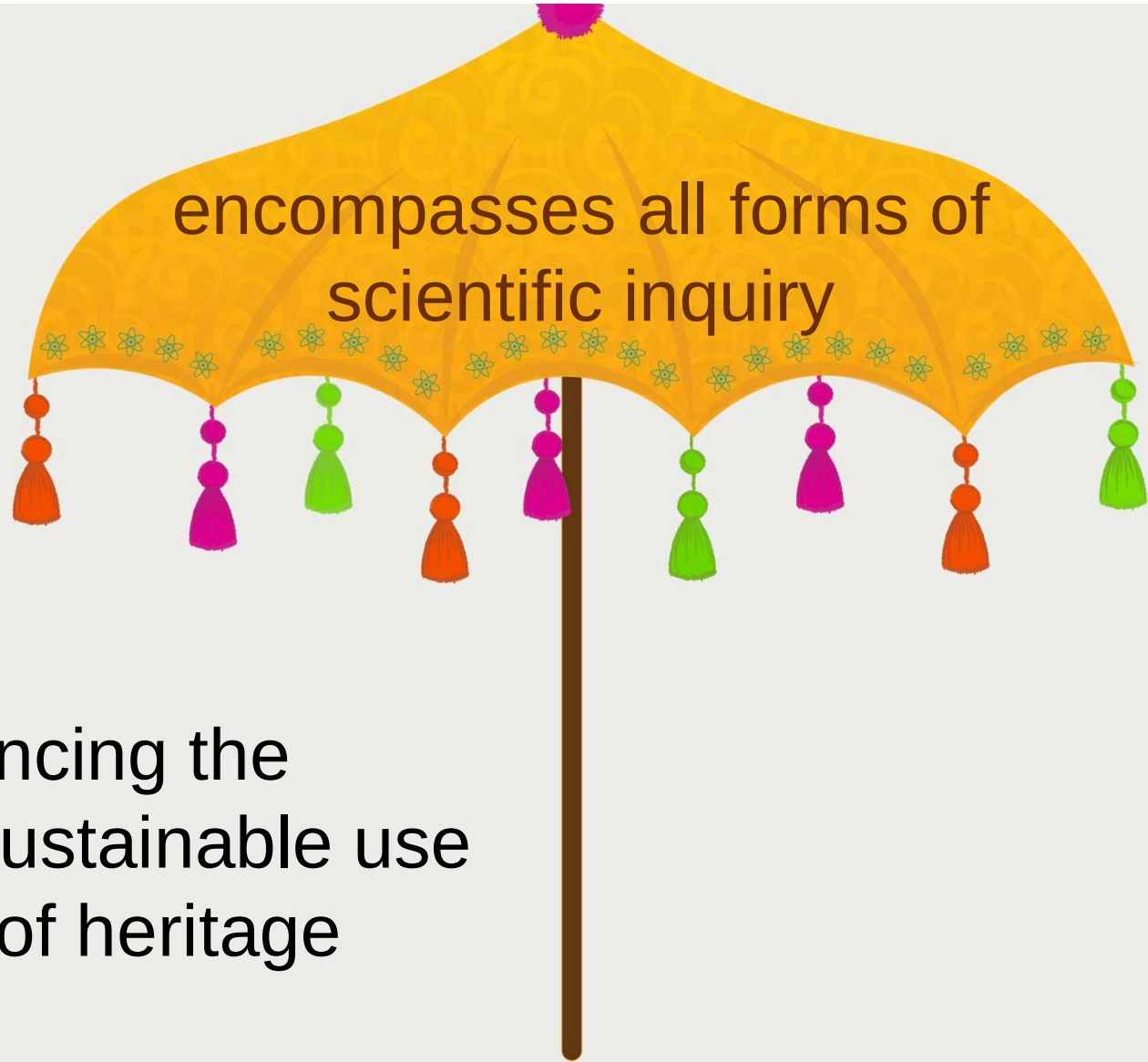
**Heritage
science**

interdisciplinary
research domain
of the scientific
study of
heritage

Heritage science

encompasses all forms of
scientific inquiry

focuses on enhancing the
understanding, care, sustainable use
and management of heritage



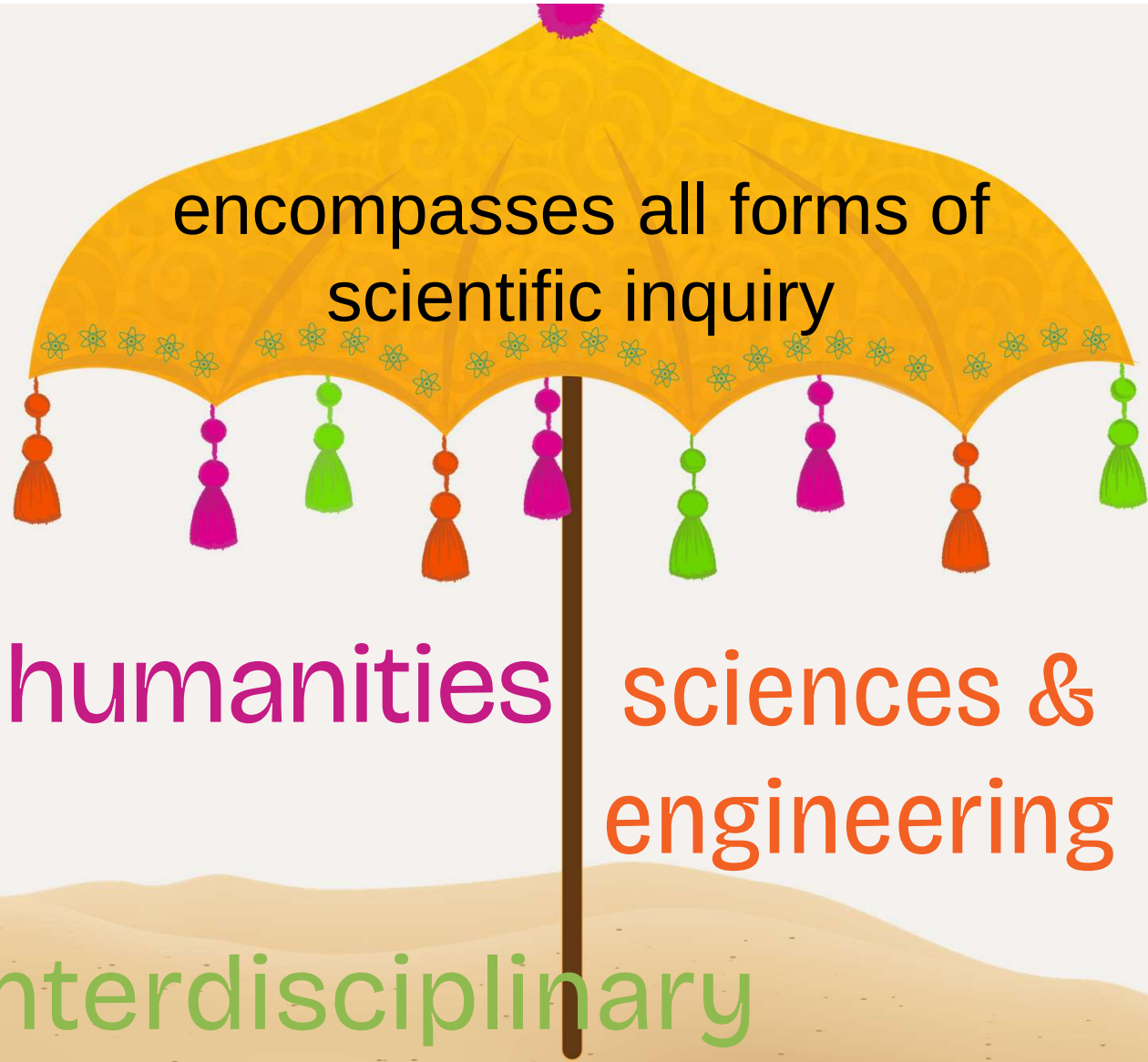
Heritage science

encompasses all forms of
scientific inquiry

humanities

sciences &
engineering

interdisciplinary



Heritage
science



Conservation
science

Heritage
science
&

Heritage
research



one sector approach

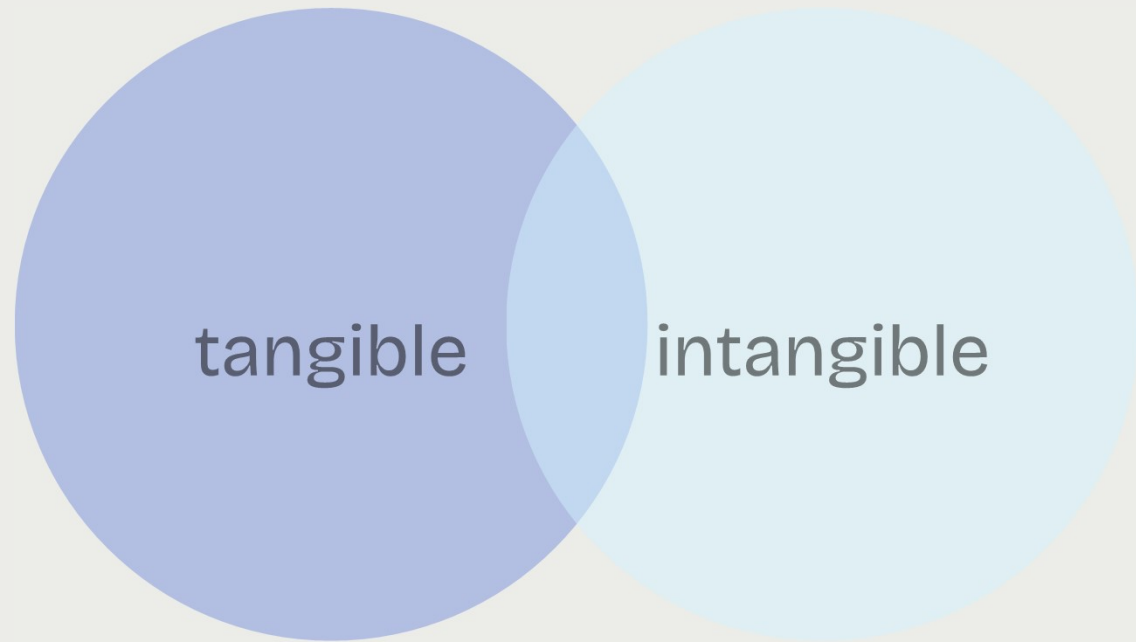
promote **best practices**
for developing and sharing
interdisciplinary knowledge
related to heritage
for the benefit of people

**governing
ontologies**



heritage

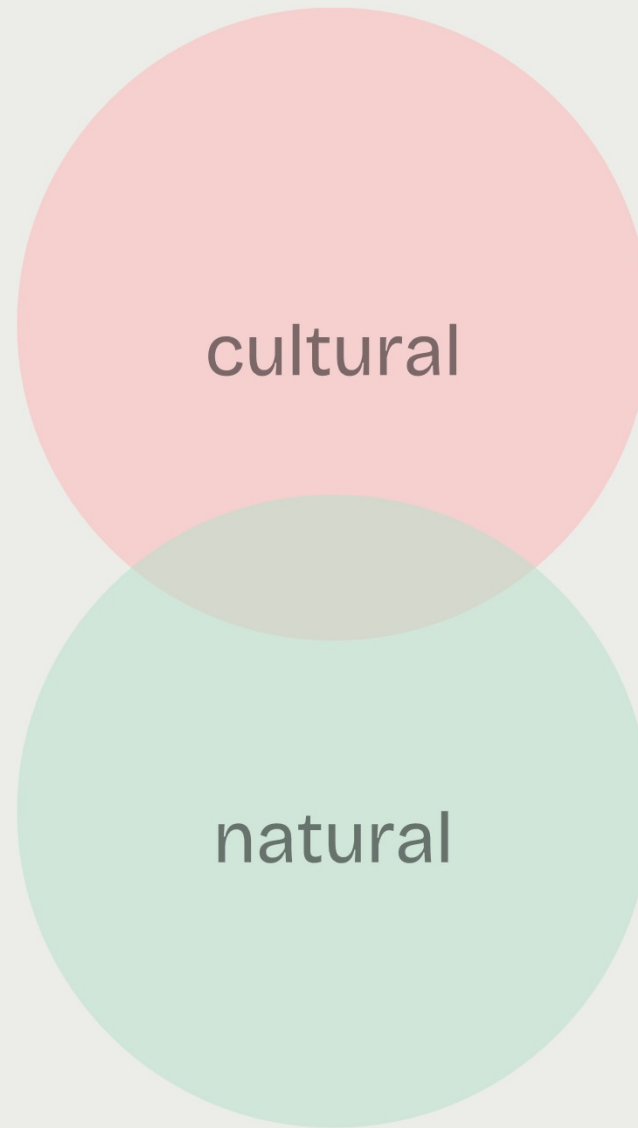
governing ontologies



heritage as process
(beliefs, customs, practices, experiences)

governing ontologies

heritage as part of
nature



governing ontologies



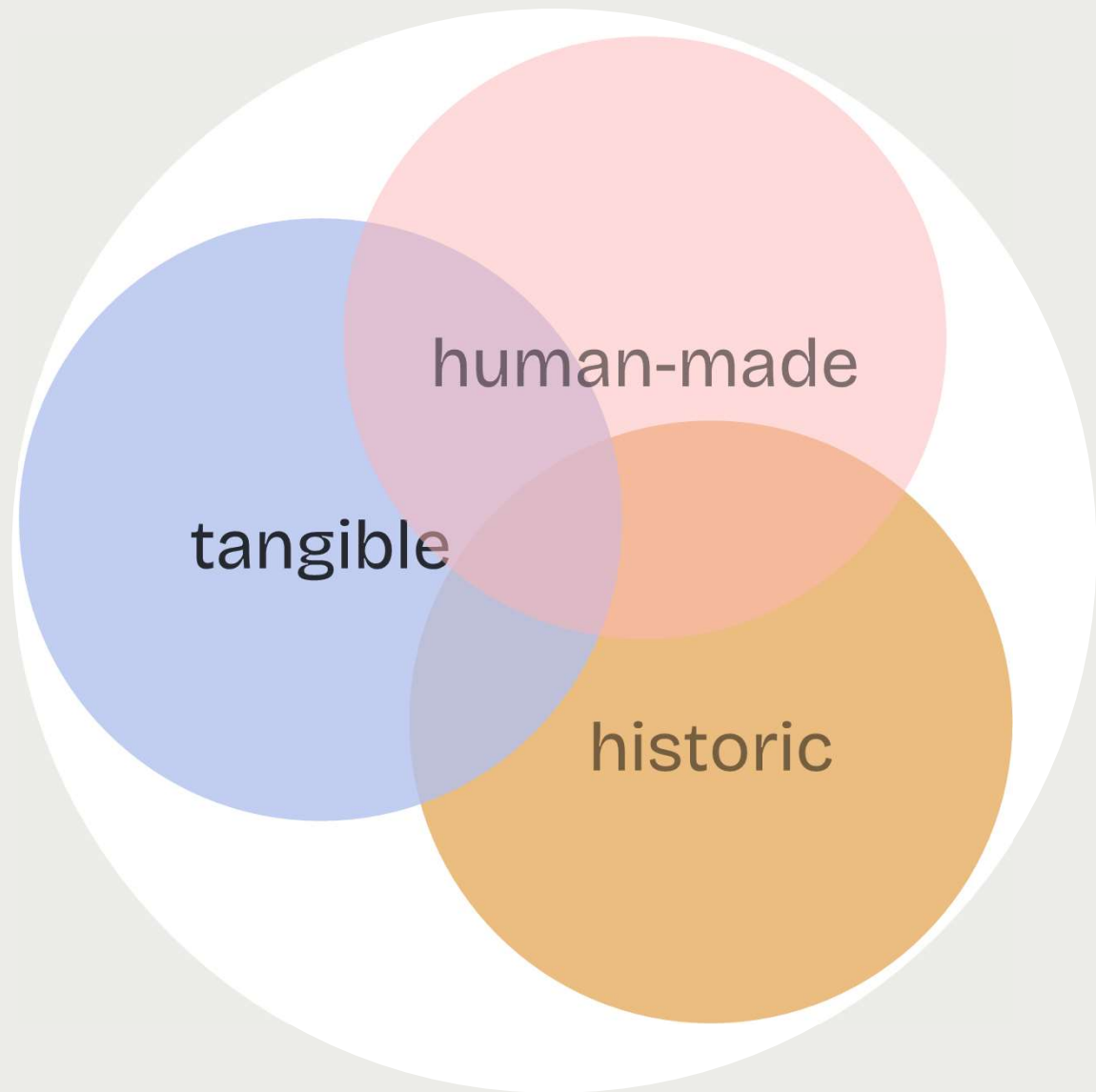
heritage as ongoing

governing ontologies

which of these does
heritage science
currently primarily
serve?

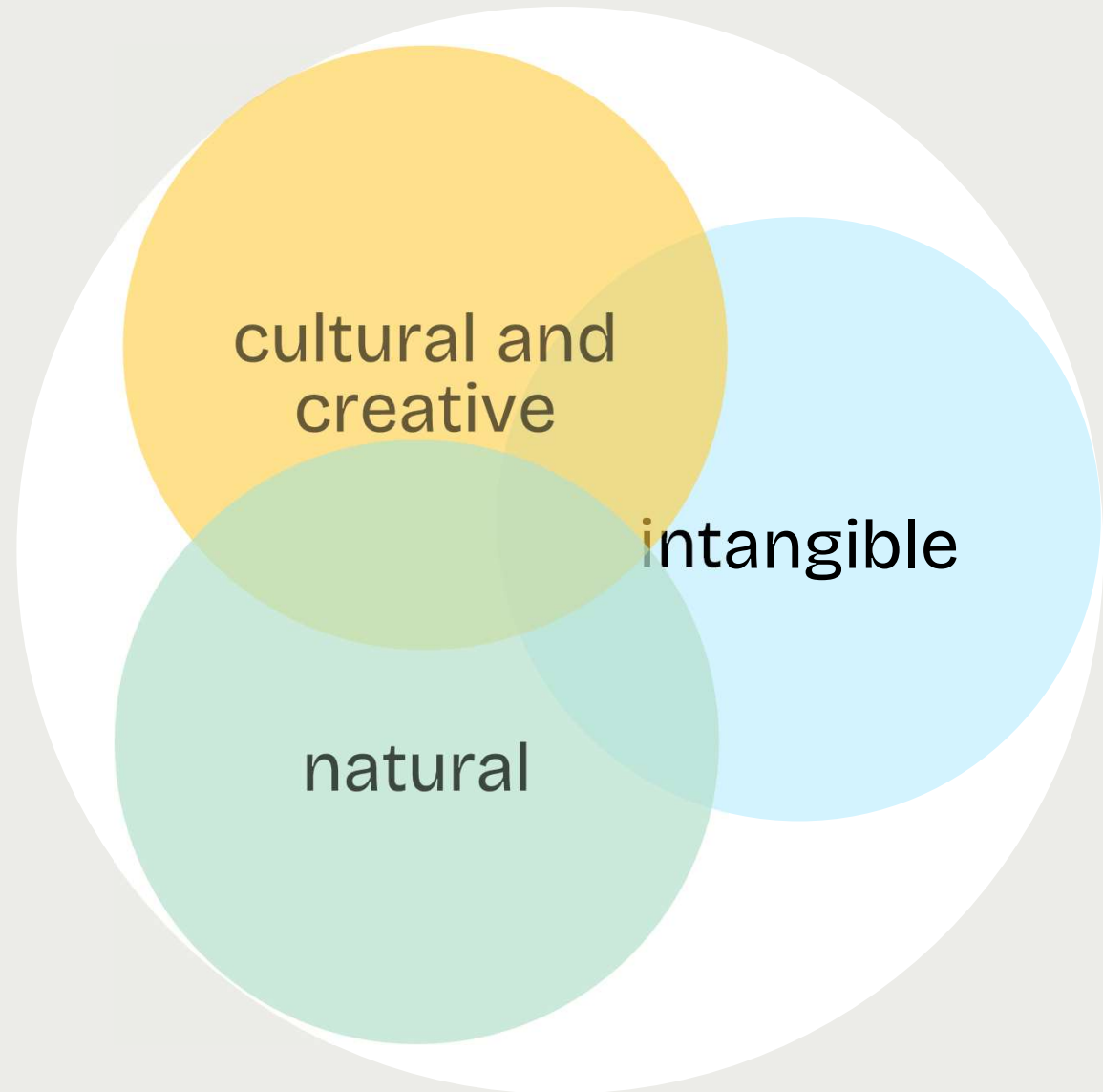


governing ontologies



which of these does
heritage science
currently primarily
serve?

governing ontologies



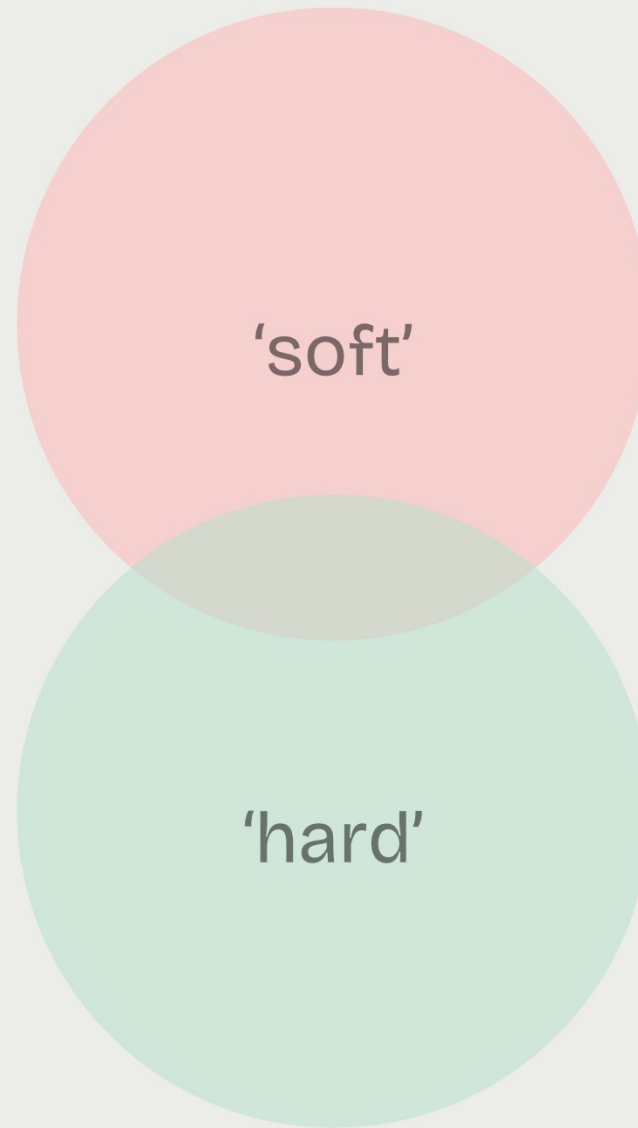
future
opportunities?

**governing
ontologies**

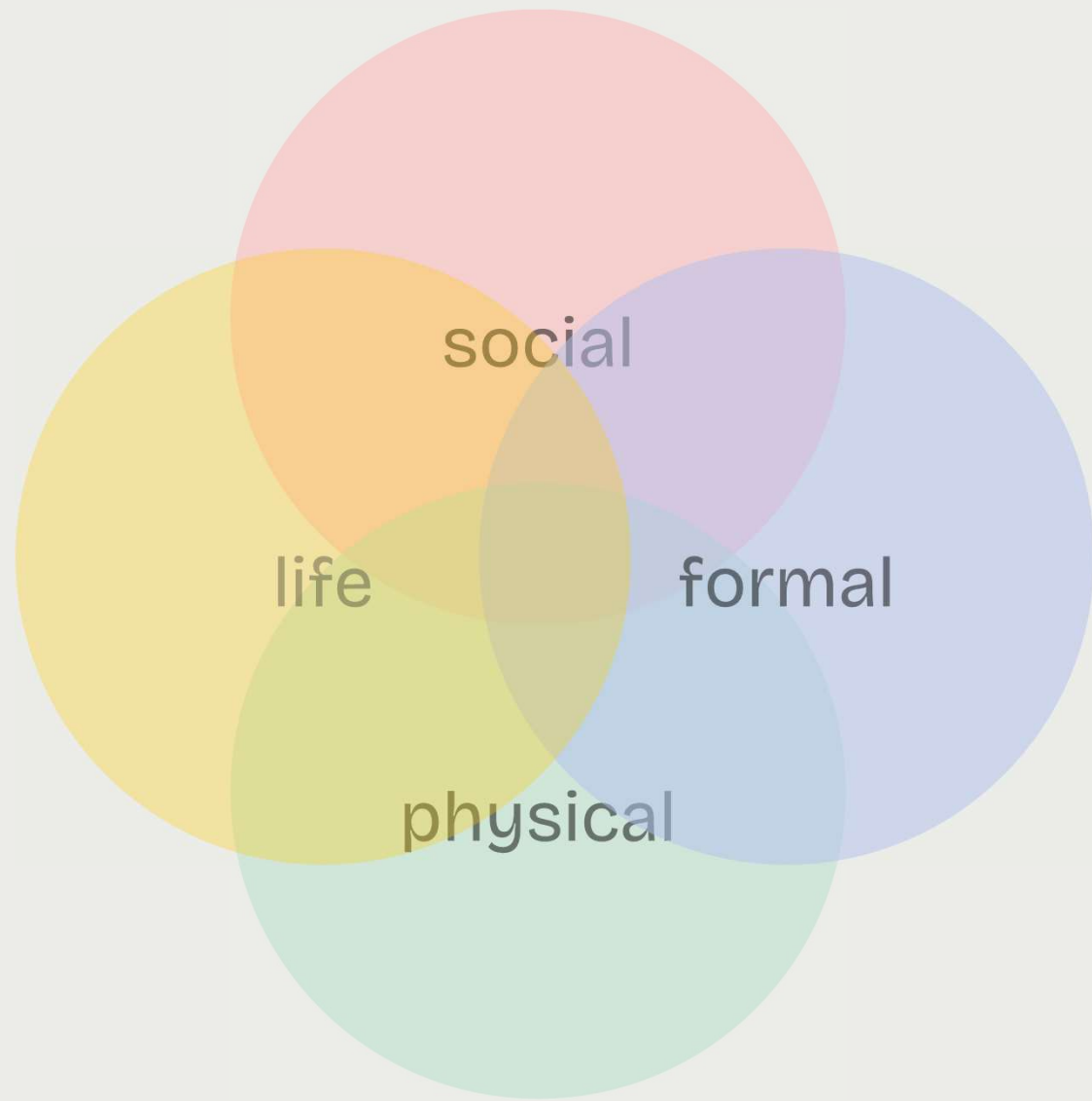


science

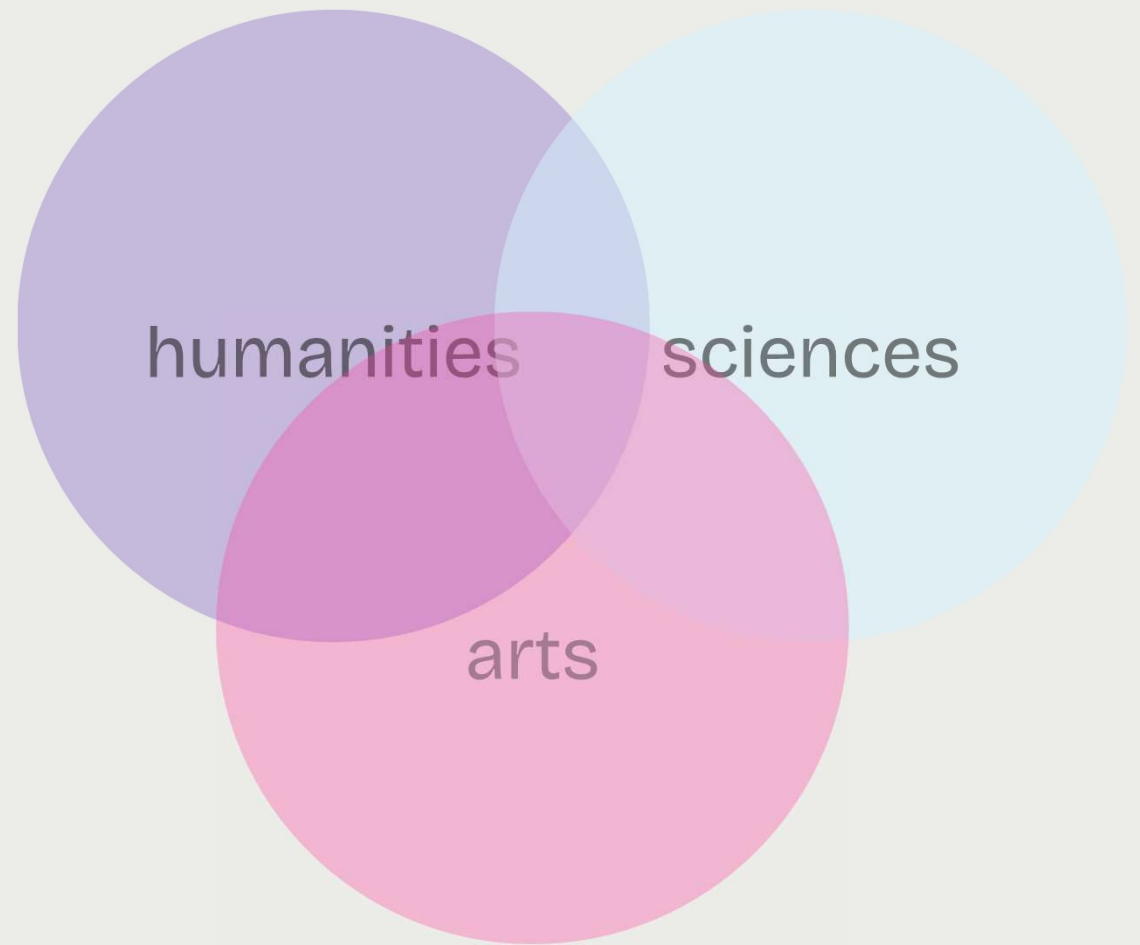
governing ontologies



not just 'hard'



not just physical



not just science

governing ontologies

which of these are
primarily
represented within
heritage science ?



**Future
evolution**



**heritage
scientist**

future purpose?

RESEARCH

disciplines

RESEARCH

principles

principles



ETHICS

principles

non maleficence



ETHICS

principles

non maleficence

E T H I C S

beneficence

principles



principles



principles



principles



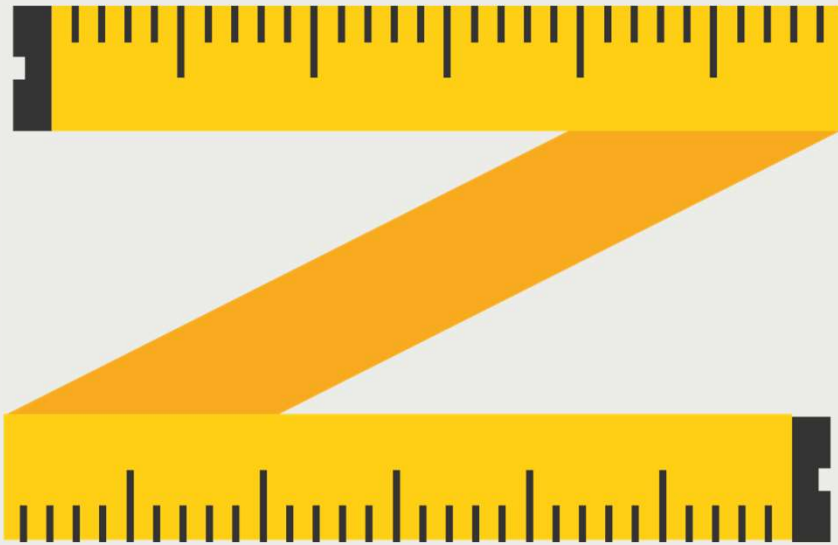
principles

engage actors
according to
desired
outcomes

design

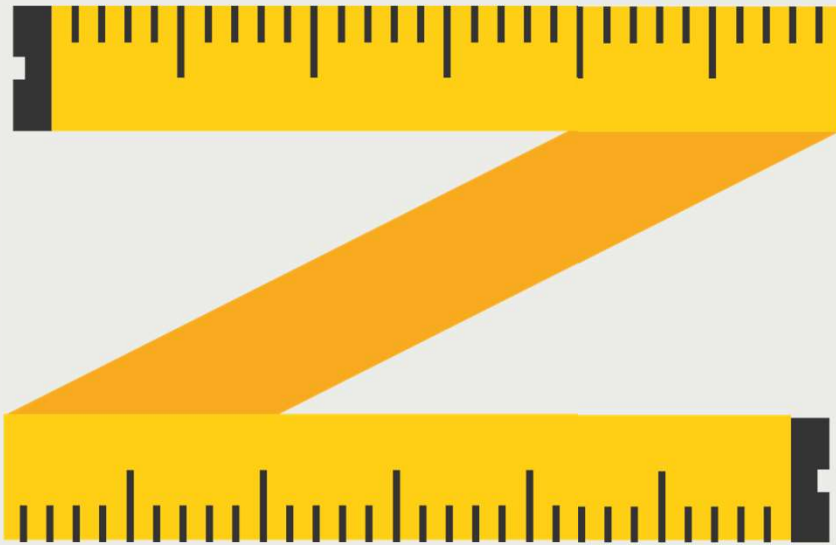


practice

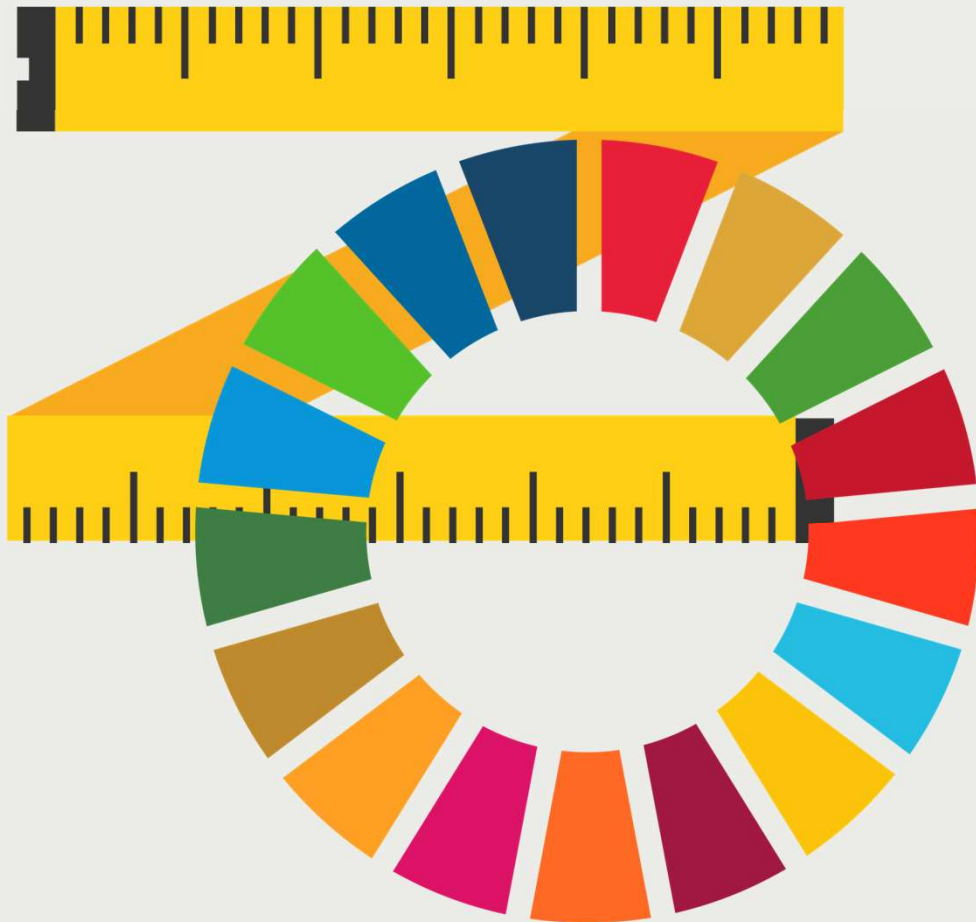


scientists spend a lot of
time measuring things

practice



practice



designing for, and
measuring its impact on
sustainability &
wellbeing
should become a regular
part of what heritage
science does



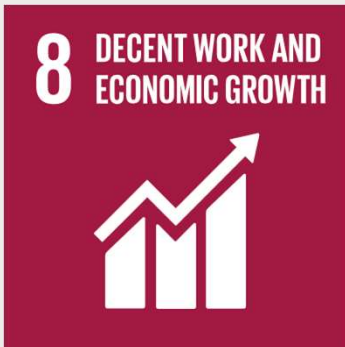
create
sustainable,
meaningful
careers that
generate high
life satisfaction



value alignment



transferable skills



decent jobs



Thank you