



ThinkPlace presentation

Using a design thinking approach to PIC sustainable energy challenges

APAC Solar Research Conference 2019 – Off-grid and fringe of grid Session



ThinkPlace is a works for the public good.

We use design thinking to help Governments, NGOs and socially responsible businesses tackle the most complex challenges of society and organisation.



We take a strongly human-centred approach to designing programs, services, strategies and organisations



We connect designs to broader ecosystems, architectures and contexts



We work at the intersection of policy, administrative and digital transformation



We facilitate meaningful, influential co-design on sensitive topics



We prototype, evaluate and iterate to allow early engagement with emerging designs



We create powerful learning experiences to build public good capacity in current, emerging and future leaders



How might we accelerate
Pacific Island Countries'
achievement of sustainable
energy strategies?

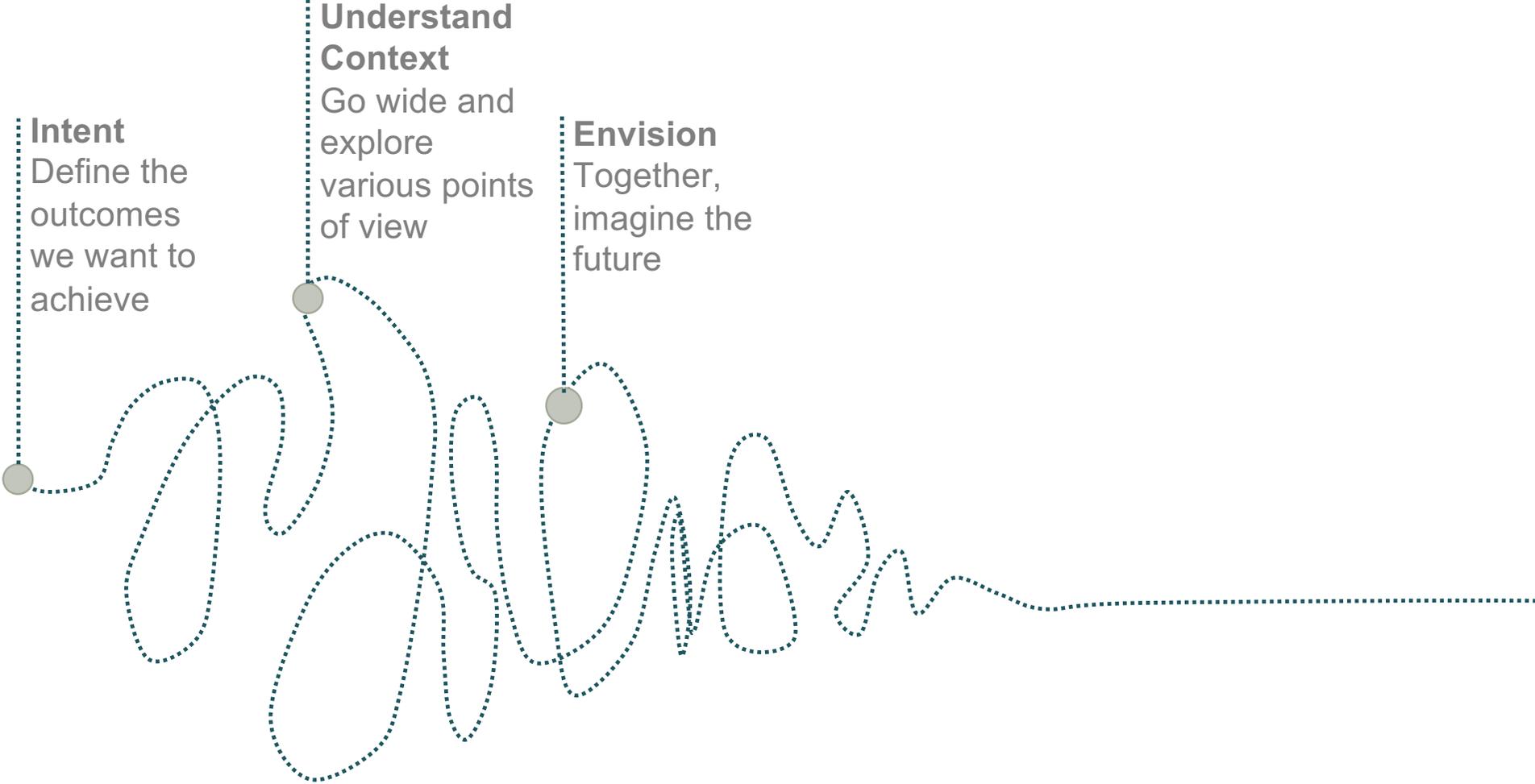




Intent
Define the
outcomes
we want to
achieve

**Understand
Context**
Go wide and
explore
various points
of view

Envision
Together,
imagine the
future



2030



ABUNDANCE renewable

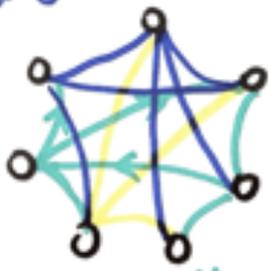
clean cheap! innovative

Strong expectation setting leadership from powerful countries.



EDUCATION

Knowledge sharing



Community Experts

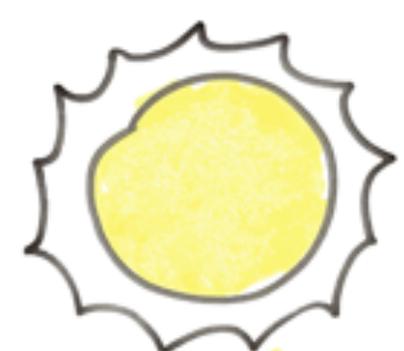
Sustainable farming



BESS



HYDRO



SOLAR



WIND

DER off grid utility
community energy



Respect

Life

LIGHT & AIR QUALITY

LOCAL RE GENERATION SHARED WITH NEIGHBOURS

COMMUNICATIONS INTEGRATION

RE GENERATION

CLEAN WATER & SANITATION

FOOD PRODUCTION & GREEN SPACE

BIPV

THIN GREEN WALLS

LOCAL STORAGE

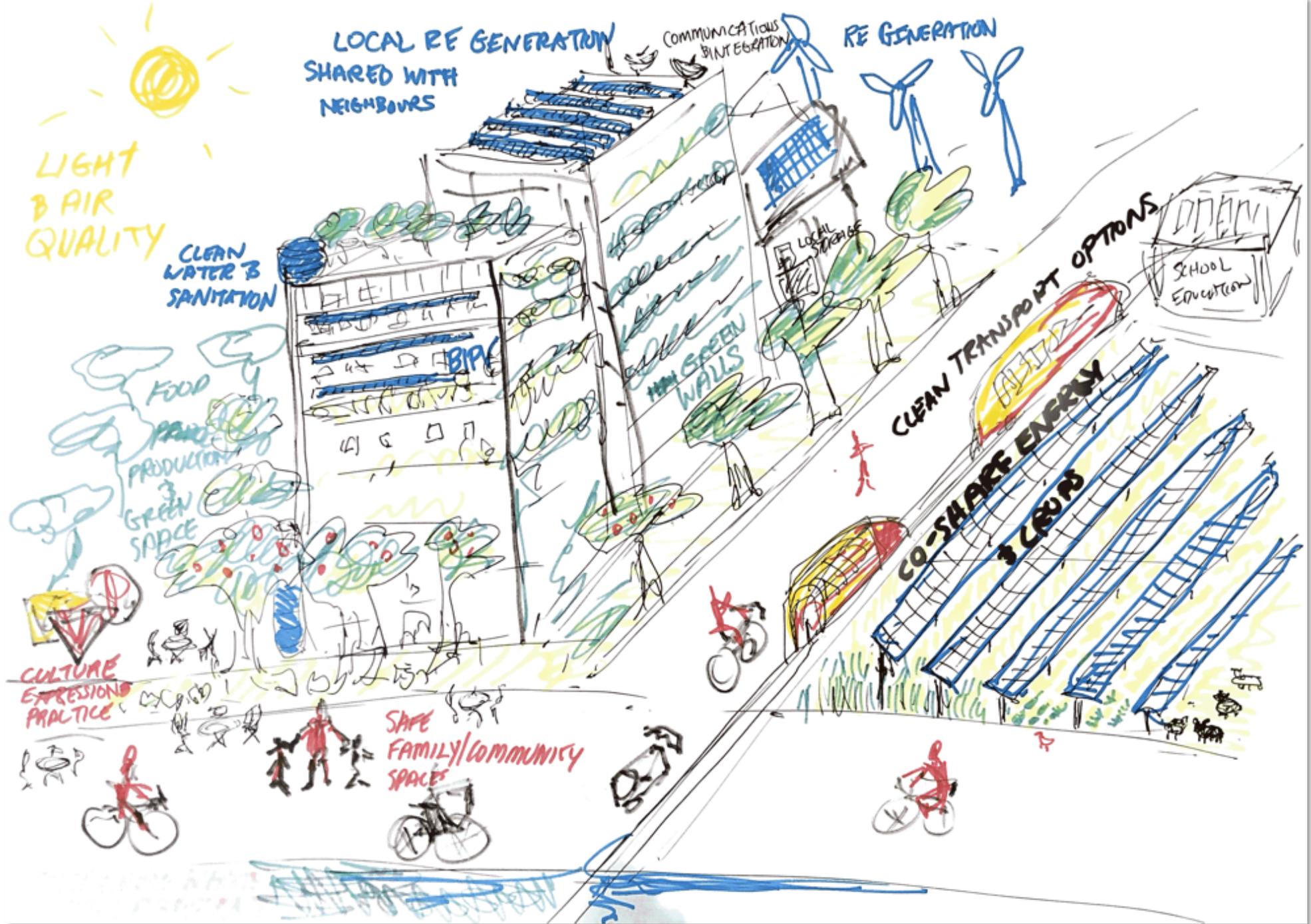
CLEAN TRANSPORT OPTIONS

SCHOOL EDUCATION

CO-SHARE ENERGY & CARS

CULTURE EXPRESSION PRACTICE

SAFE FAMILY/COMMUNITY SPACES



In 2030...

WCS
27/02/2019

- 1) Samoa will have achieved NDC (100% of electricity generated from RE sources)
- 2) Electric Vehicles & buses will be the norm with respect to modes of transport.
- 3) Fish & all marine species will be plentiful again because the coral reefs would've been revived
- 4) Amazon has been restored to its original coverage (plus all species)

WCS
27/02/2019



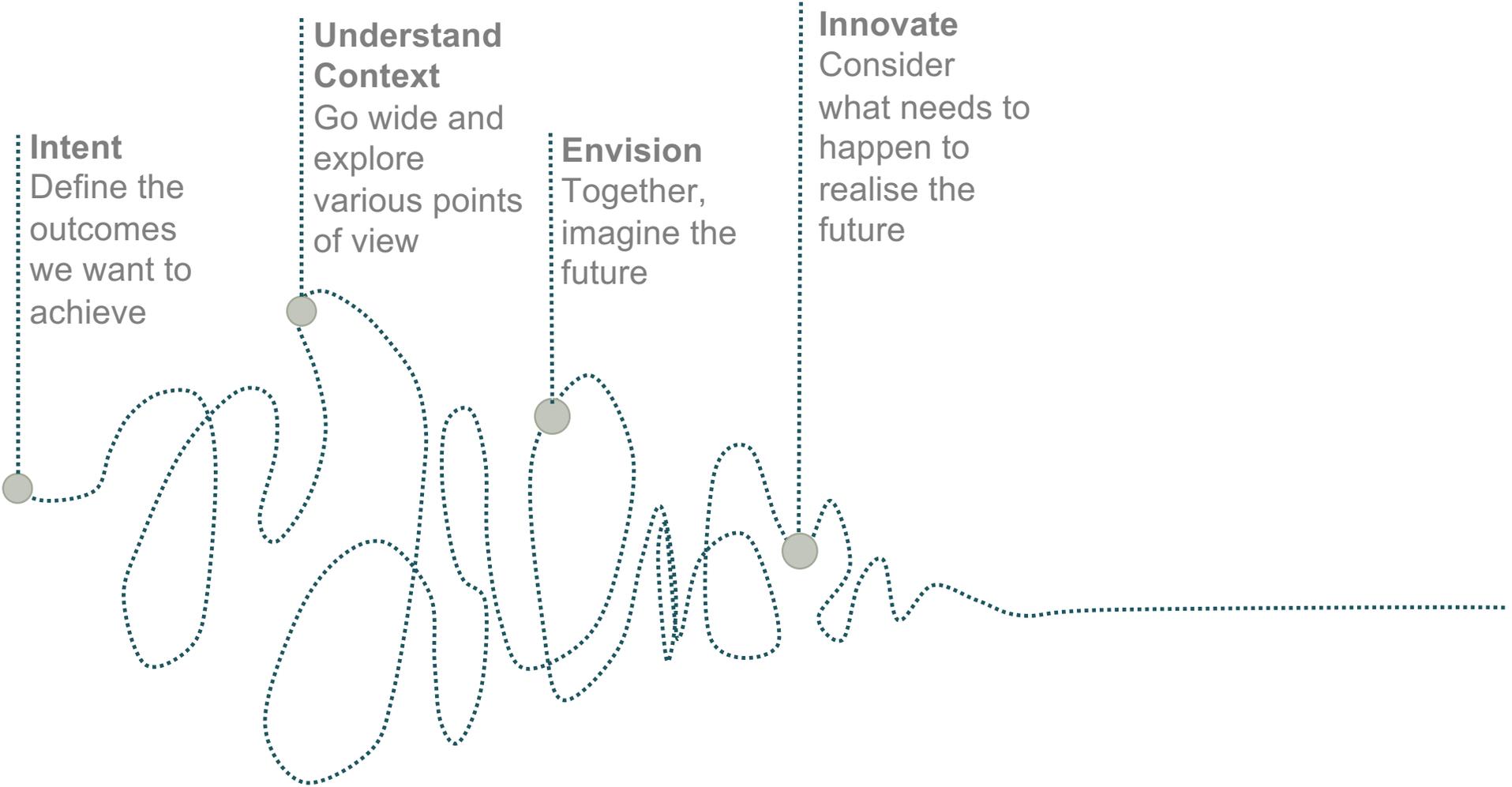


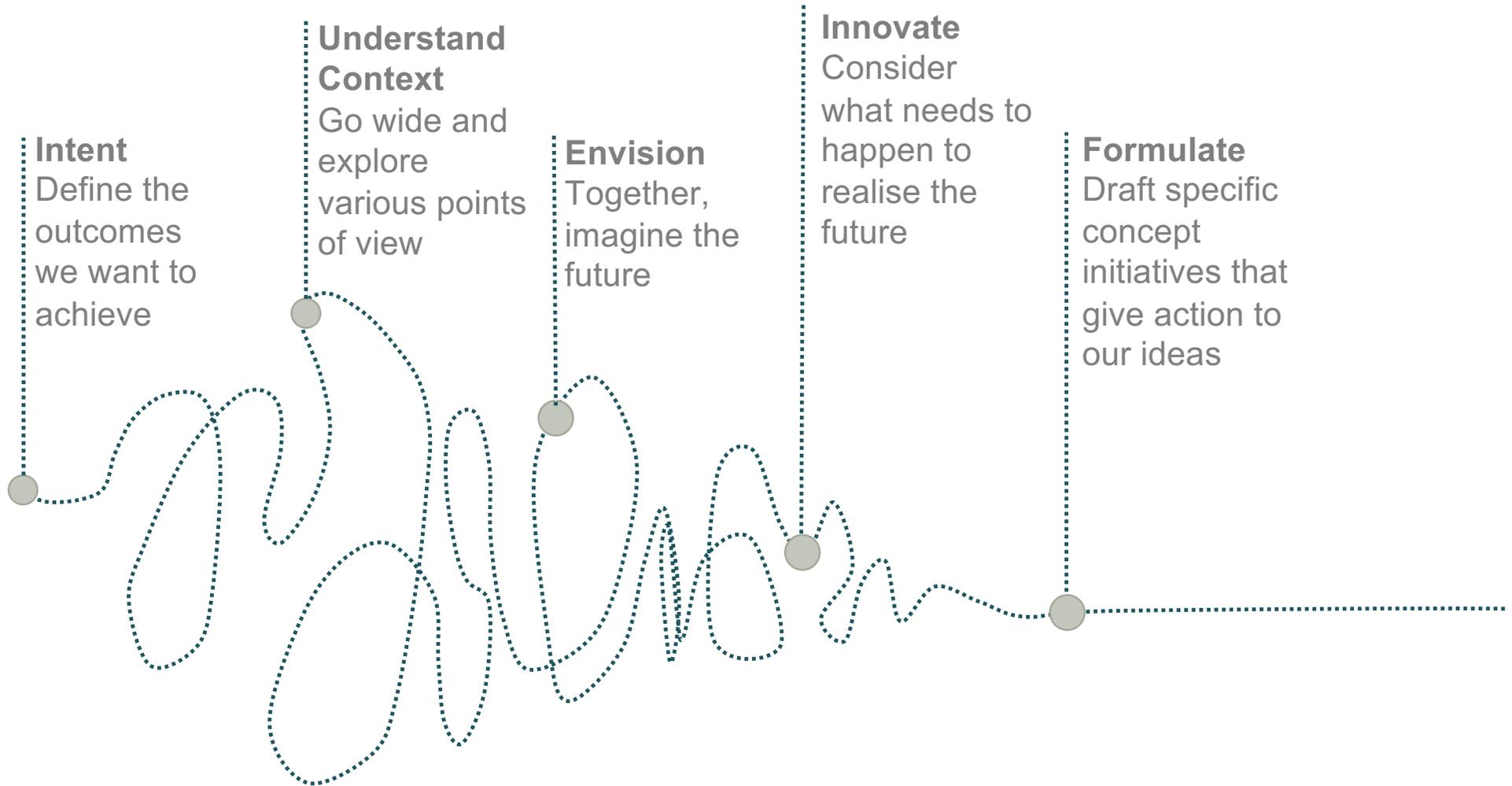
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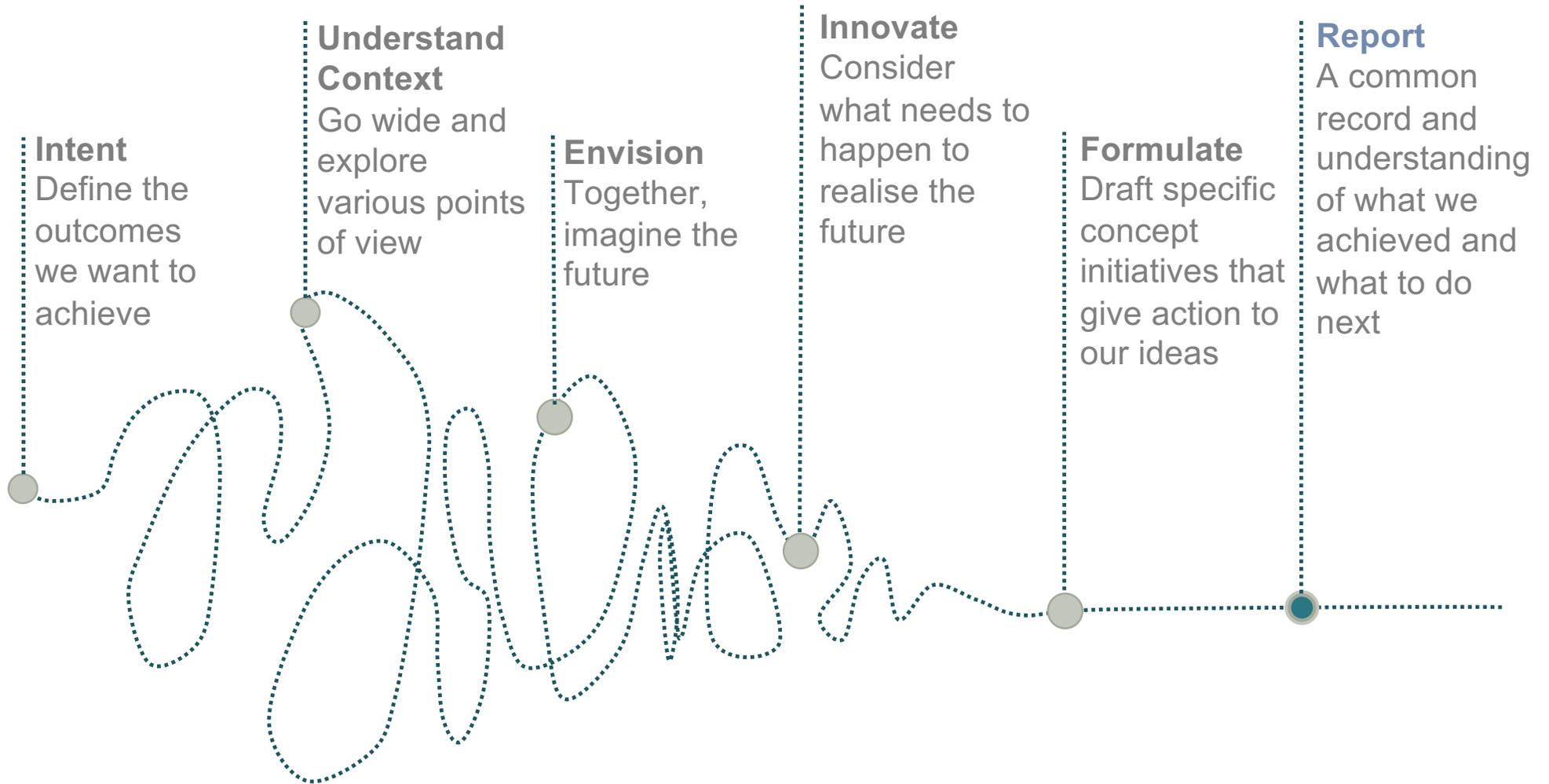
Envision
Together,
imagine the
future

Innovate
Consider
what needs to
happen to
realise the
future





1. How might we do off grid projects at scale while still ensuring community engagement?
2. How might we balance tariff setting and cost recovery - barrier to private investment - role for private sector?
3. How might we choose what is appropriate for rural electrification (on grid vs off grid)?
4. How might we achieve sustainable transport?
5. How might we enable distributed energy incl. EE, while ensuring utility financial sustainability?
6. How might we facilitate utility integration of RE?



ThinkPlace creates public value through human-centred innovation and design.

We work with government, business and NGOs to create vibrant societies, strong economies, sustainable environments and trusted institutions.