

The Environmental Challenge and Generational Imperatives

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A compelling societal vision for Ireland-Possibilities

Democratic

Engaged

Inclusive and multicultural

Ecological

Creative

Globally aware

Generational Challenges of the 21st Century

Inequality within countries and between
countries

Environmental Degradation

Health and Wellbeing issues- the Despair –
Hope continuum

Population Growth – outstripping resources as
suggested by Malthus

Environmental Degradation

The Environmental Challenge

Climate Change-Average temperature has risen by 0.8% and could rise by 4* by 2100

About 40% of the world's agricultural land is now seriously degraded-UK land has '100 harvests' left in it

By 2025-2 out of 3 people worldwide will live in water stressed regions

A refuse truck of plastic is dumped into the sea every minute

Population Growth

1800-1 bn people on earth

2018- 7 bn people on earth-ie 6.5 % of total ever born

Rate of Growth slowing down since 1962-
due mainly to education

Global population will continue to rise to in excess of 10bn by 2100

Sustainable Development Goals

No Poverty

No Hunger

Good health and well
being

Quality Education

Gender Equality

Clean Water and
Sanitation

Climate action

Affordable, clean energy

Decent work , growth

Industry and Innovation

Reduced Inequalities

Sustainable cities and
communities

Responsible

Consumption and

Production

Sustainable Development Goals

Climate Action

Life below water

Peace , justice and strong
institutions

Life on Land

Partnerships for the
Goals

Natural Step

Reduce use of substances sourced close to earth's core

Reduce use of hard to break down synthetic substances

Clean Air Water and Soil

Meet Human Need

Building new Partnerships-The Role of Dialogue

The means and the end of democracy-truth is
neither claimed or proclaimed-just
approached

Assumes parity between the participants-
different but equal

Values real world, lived experience

Advances the case for voice

The purely technical is also political

The Nation State- Fit for Purpose on the Environment?

Based on the monopoly of the use of power
within a specified territory

Legitimacy basis is explicit- the real challenge
to global governance

Common cultural system and shared
economic goals

Checks and balances to centralised decision
making-citizen rights and stakeholder
claims

Re-Focusing Irish Education around the Environment

Climate Change

Ocean Acidification

Chemical Pollution

Biodiversity Loss

Freshwater Withdrawal and Contamination

Agricultural Land Depletion

Air Pollution

Raworth's Seven Challenges

Change the GDP preoccupation

See the Big Picture-the embedded economy

Nurture Human Nature- adaptable humans

Get Savvy with Systems-dynamic complexity

Design to Distribute-distributive by design

Create to regenerate-regenerative by design

From growth addicted to growth agnostic