



towards 2060



think of the possibilities

**Engaging, Inspiring and Supporting
Local Communities**



What did we hope for?

- A shared understanding of what sustainable community development in Manukau could be
- An enhanced ability of community members to think about the long-term needs; their own actions and advocacy





Forces of Change from the ASF

the fundamental context within which global development will unfold

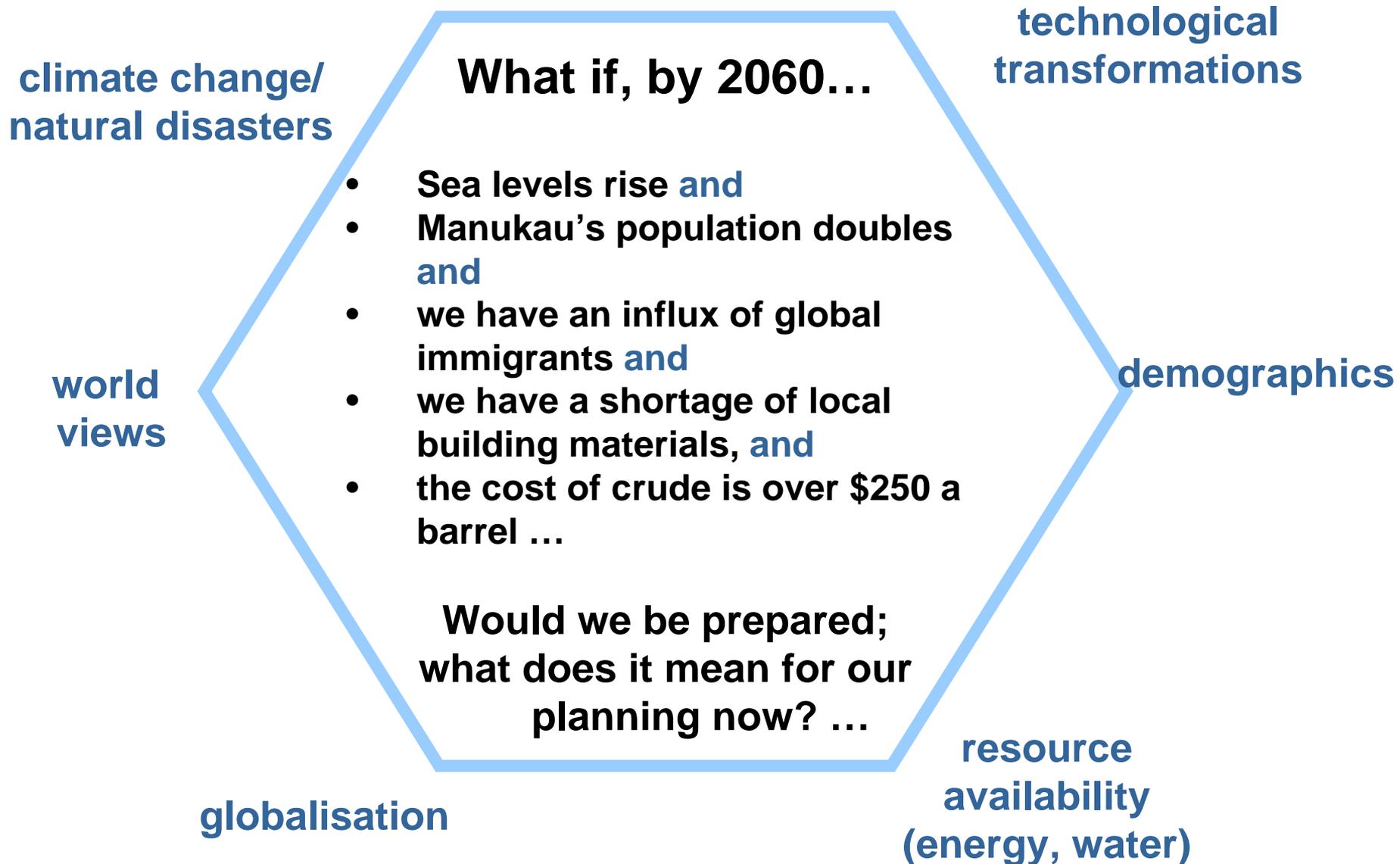
- **resource availability
(energy, water)**
- **climate change and
natural disasters**

Which influence

- **technological transformations**
- **demographics**
- **world views**
- **globalisation**



Example of Compounding Effects



How?

- Months of preparation
- Assembled information base and designing process
- Testing the process
- Produced a comprehensive content management system and website
www.towards2060.org.nz
- Delivery primarily through workshops
- Social media limited but definitely has potential
- Used events to promote the project using future scenarios
- Assembled the best team



Future Scenarios and Transition Towns





"Kia Ora, welcome to Enviroschools / Kura Taiao, and to our website"

Enviroschools/Kura Taiao is an exciting opportunity for schools and communities to be a part of creating a more sustainable, healthy, peaceful and beautiful future.

Students in over 700 schools in Aotearoa are being inspired to investigate, explore, take action and reflect on their school and community environment.

Take up the challenge and become more connected!

Esther Kirk
Training and Resource Development
The Enviroschools Foundation



Reflecting on Change

Enviroschools has been embraced by a quarter of the country's schools - 212,870 students nationwide.

[Find out more...](#)

Two kindergartens in the Bay of Plenty achieve Green Gold

[Find out more...](#)



Current News & Events

Jack Johnson and his commitment to the environment [here](#)

New jobs up for grabs >[read more here!](#)

Tohungia He Rohe
Select a Region

Action in Regions!

Be inspired by this wonderful short film 'Stories from Otepoti: Inspiration from 5 enviroschools'. Watch it [here!](#)



Our Supporters

Nga mihi nui kia koutou - thankyou to all our partners for supporting the Enviroschools kaupapa and programmes. Read more about our National Partners





A Systems Perspective using the Natural Step



- Focusing "upstream"
- Principles rather than details
- Shared framework and a common language
- Unalterable system conditions

In 2060

LAND OF LONG-LOST HOPE

How did we get there?

2049	2043
2038	2031
2029	2024
2021	2018
2014	

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In 2060

DEAD END

How did we get there?

2048	2041
2035	2027
2023	2021
2018	2016
2014	

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In 2060

WE'LL BE RIGHT

How did we get there?

2056	2058
2049	2041
2036	2033
2031	2025
2020	2018
2014	

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IT'S UP TO YOU

Vote for the future you want
your community, your city, your country

How did we get there?

2045	2043
2031	2027
2025	2021
2019	2017
2014	

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In 2060

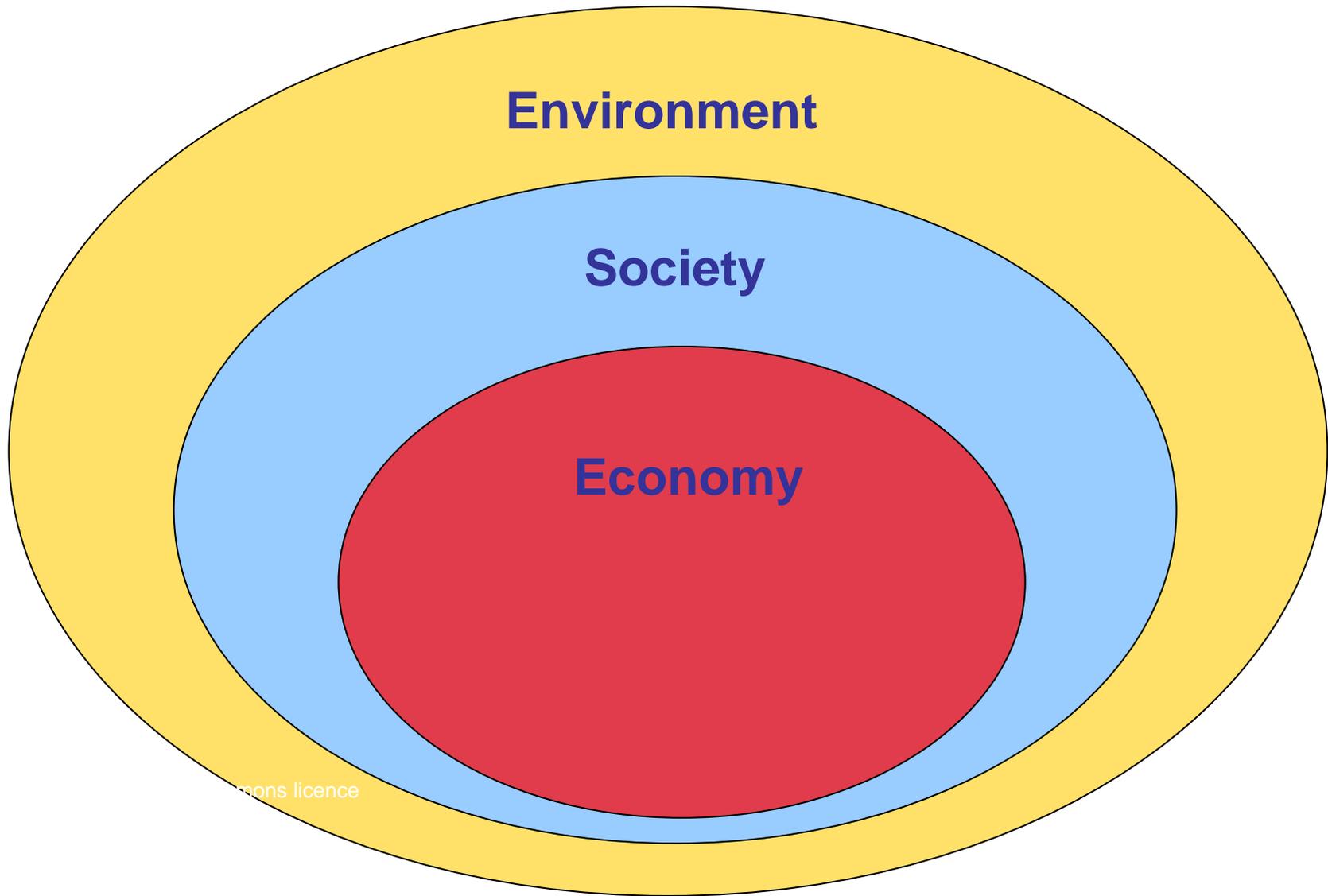
IT'S GOOD

How did we get there?

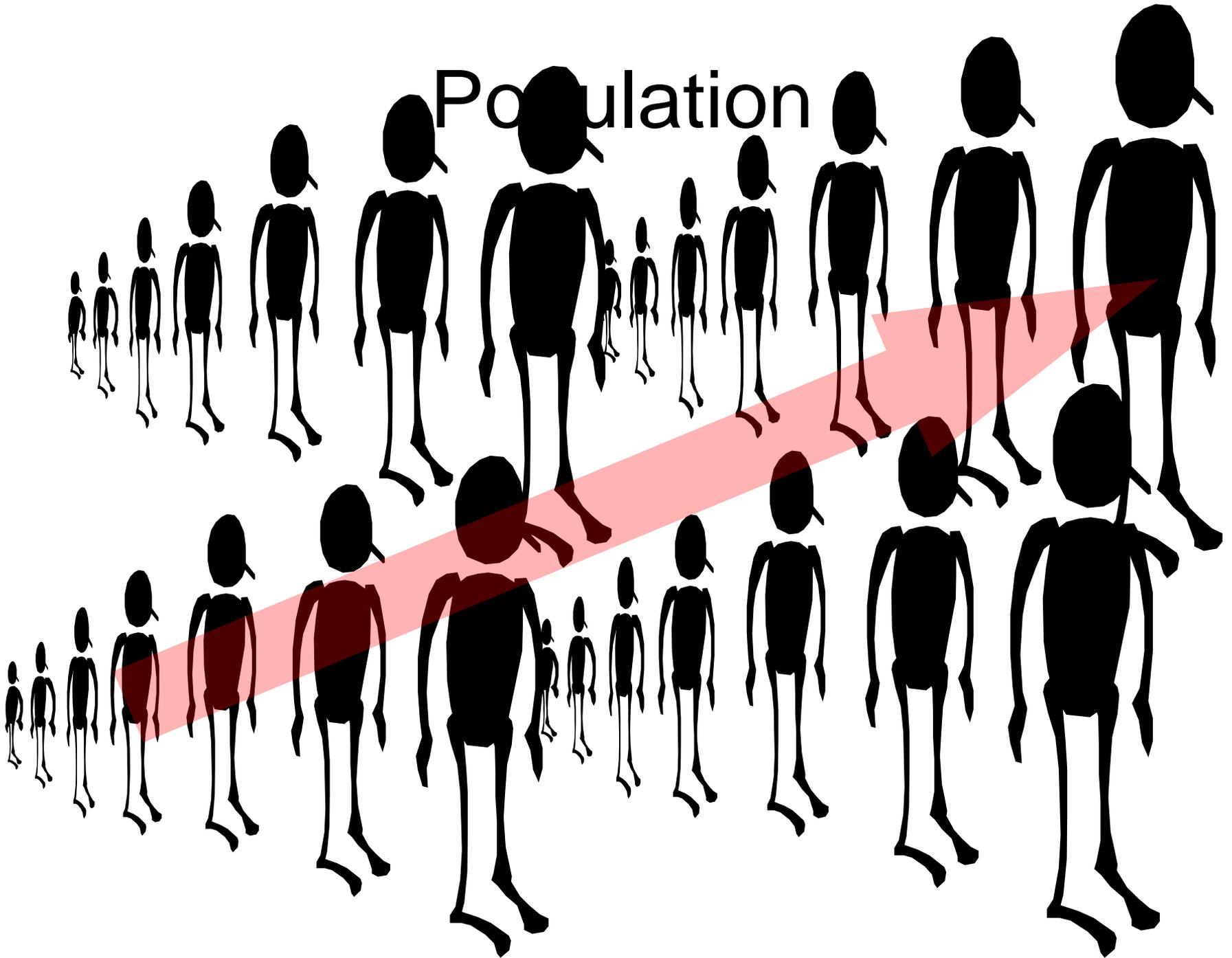
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Defining sustainability and the link to Mataranga Maori



Population



The Funnel

FOR THE FIRST TIME IN HUMAN HISTORY, ALL MAJOR LIFE-SUPPORTING SYSTEMS ON THE PLANET ARE IN DECLINE

IN A SUSTAINABLE FUTURE, LIVING SYSTEMS ARE STABLE AND HEALTHY



SUSTAINABLE PRACTICES WILL ENSURE A HEALTHY FUTURE FOR OUR ENTERPRISES AND HUMAN SOCIETY



UNSUSTAINABLE PRACTICES AND ENTERPRISES

IN A SUSTAINABLE FUTURE, SOCIETY'S DEMANDS ARE NOT INCREASING

GLOBAL POPULATION AND SOCIETY'S DEMANDS ON THE PLANET'S MAJOR LIFE-SUPPORTING SYSTEMS ARE GROWING

THE PAST

THE PRESENT

THE FUTURE

Key challenges and opportunities in planning Manukau future



- Health of some natural systems eg Tamaki Estuary severely degraded
- Transport and food affordability
- Community cohesion

- More people and increased demand for natural resources
- Government intervention / regulation
- Costs / taxes (resources, waste, insurance etc)
- Desire for improved quality of life

“Care Instructions” for the planet

WHAT WE TAKE

Continually reduce and eliminate our dependence on mined metals, minerals and fossil fuels - *extract less, reuse, recycle, use renewable resources*

WHAT WE MAKE

Continually reduce and eliminate our use of manufactured non-degradable chemicals and substances - *use natural alternatives and recyclable materials*

WHAT WE DESTROY

Continually reduce and eliminate our dependence on activities that cause physical encroachment upon the natural environment - *draw resources from sustainably managed eco-systems, restore nature, protect biodiversity*

HOW WE SHARE

Ensure that people everywhere are treated fairly and with respect to enable them to meet their needs efficiently – *look after people, share resources fairly*

FUNDAMENTAL HUMAN NEEDS

Subsistence

Protection

Participation



Idleness

Affection

Understanding



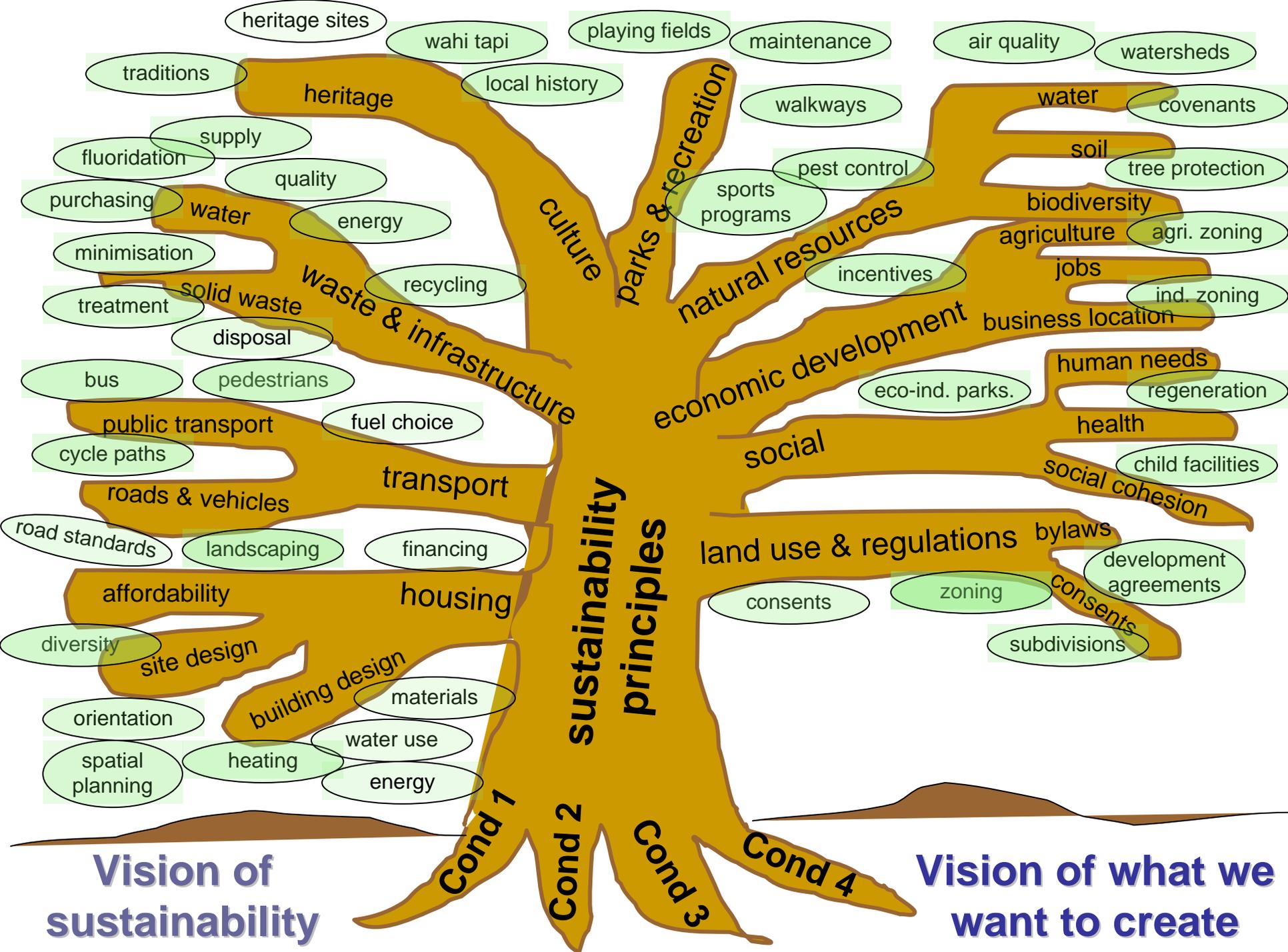
Creativity

Identity

Freedom



**To what extent are all these needs met in your life?
What's missing?**



instant access to info. for all
Safety enviro.

growth & evolution

Nature in balance

Mixed, fair communities
Healthy communities

safe people

public transport
+ bicycles
+ walking ways

free animals
+ birds + fish

closed loops

Healthy food

peaceful minds

Community gardens + parks

joyful spirit
spiritual growth

self-sufficient villages

clean environment

urban farming

democratic government

barter economy

whanau faiga

water cycle
cycles energy
waste
QUIET!

collective good given highest priority
sustainable housing

work from home
clean water
+ lakes!
+ ocean!
+ rivers!
move sustainable population

clear vision for !!
otara..

GREEN OPEN SPACES!!

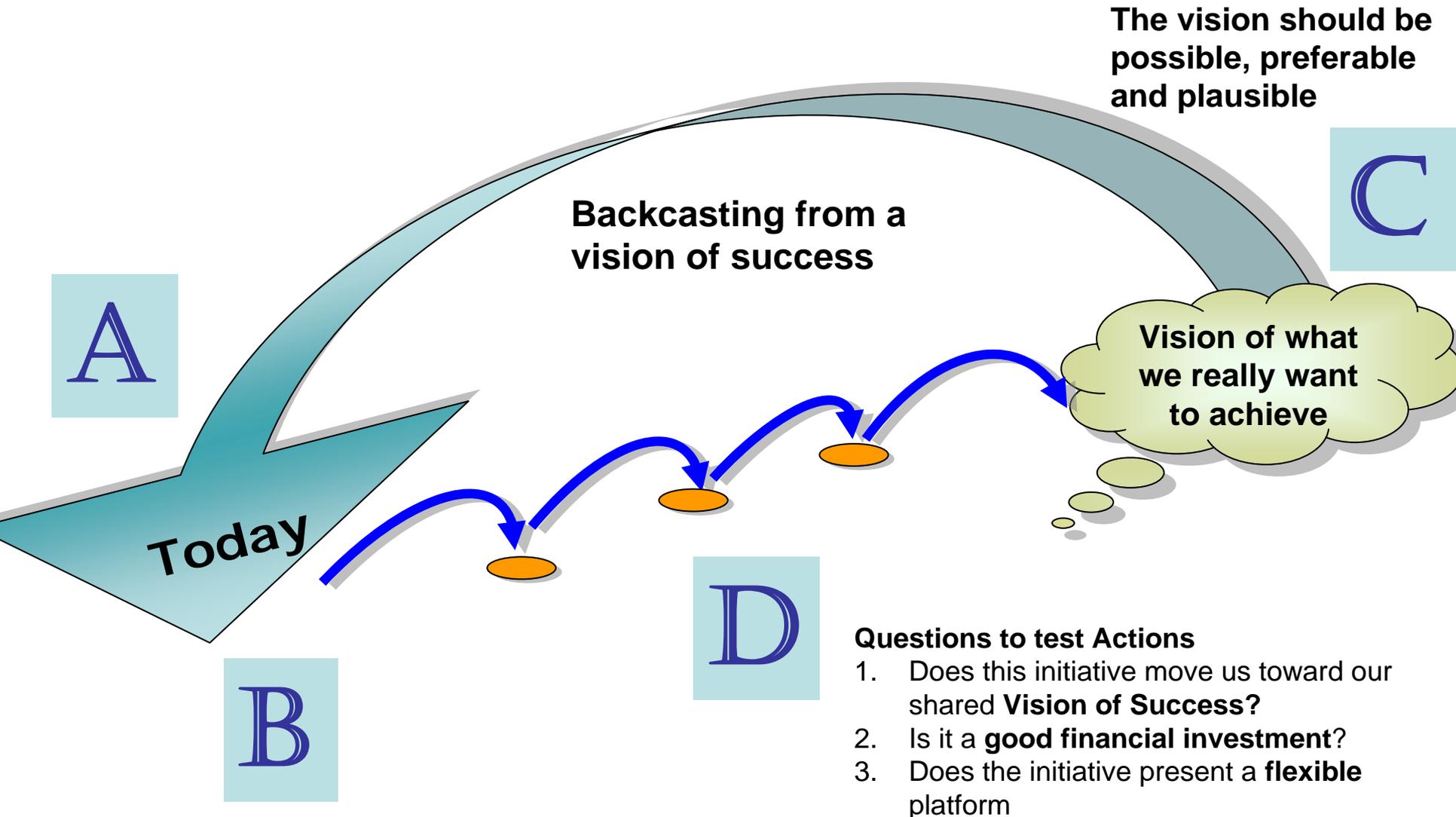
unpolluted
deep enriching
self-sufficient gardens
stable

Education about sustainability
Community spirit
looking after each other

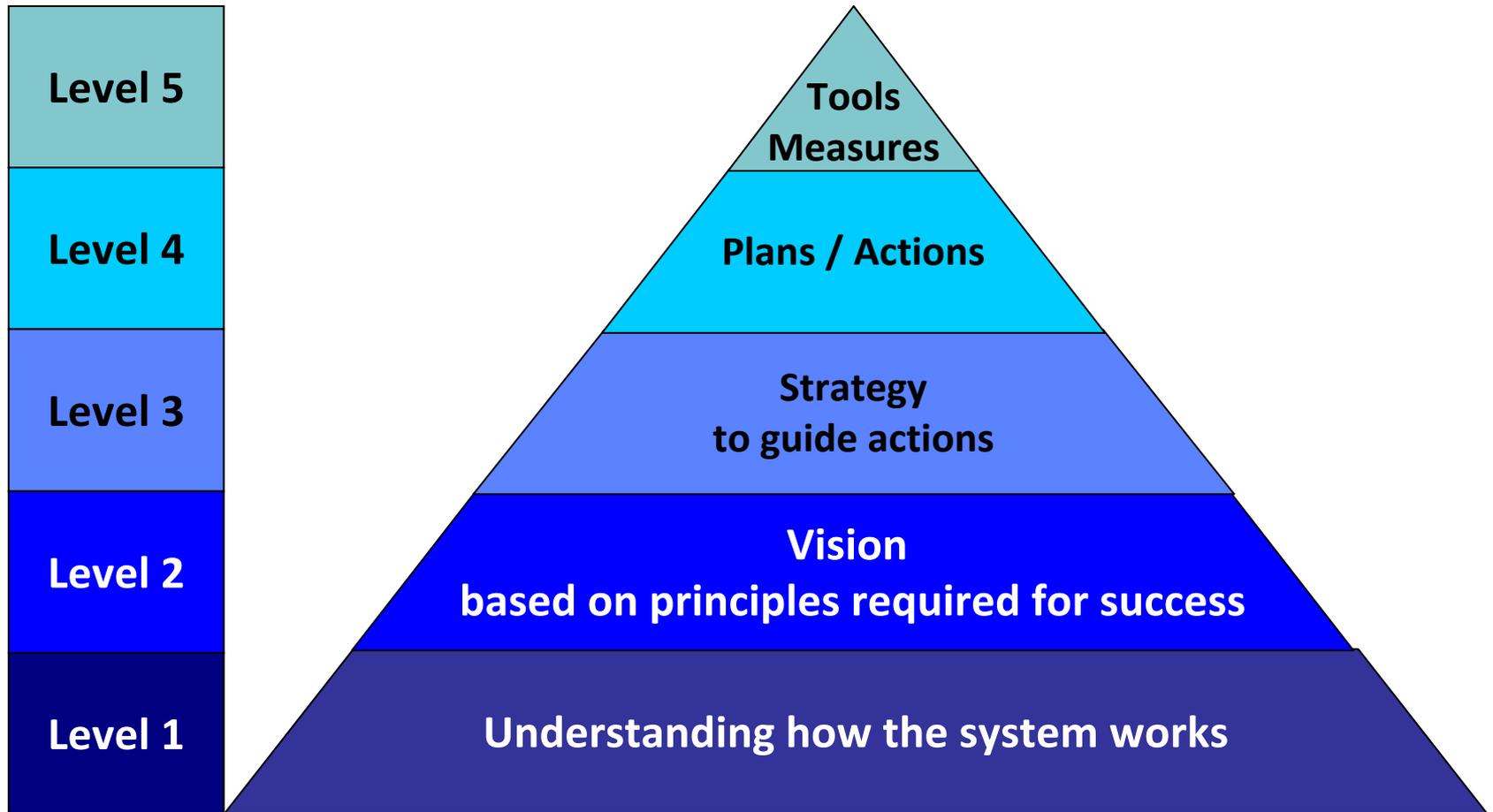
organic soil



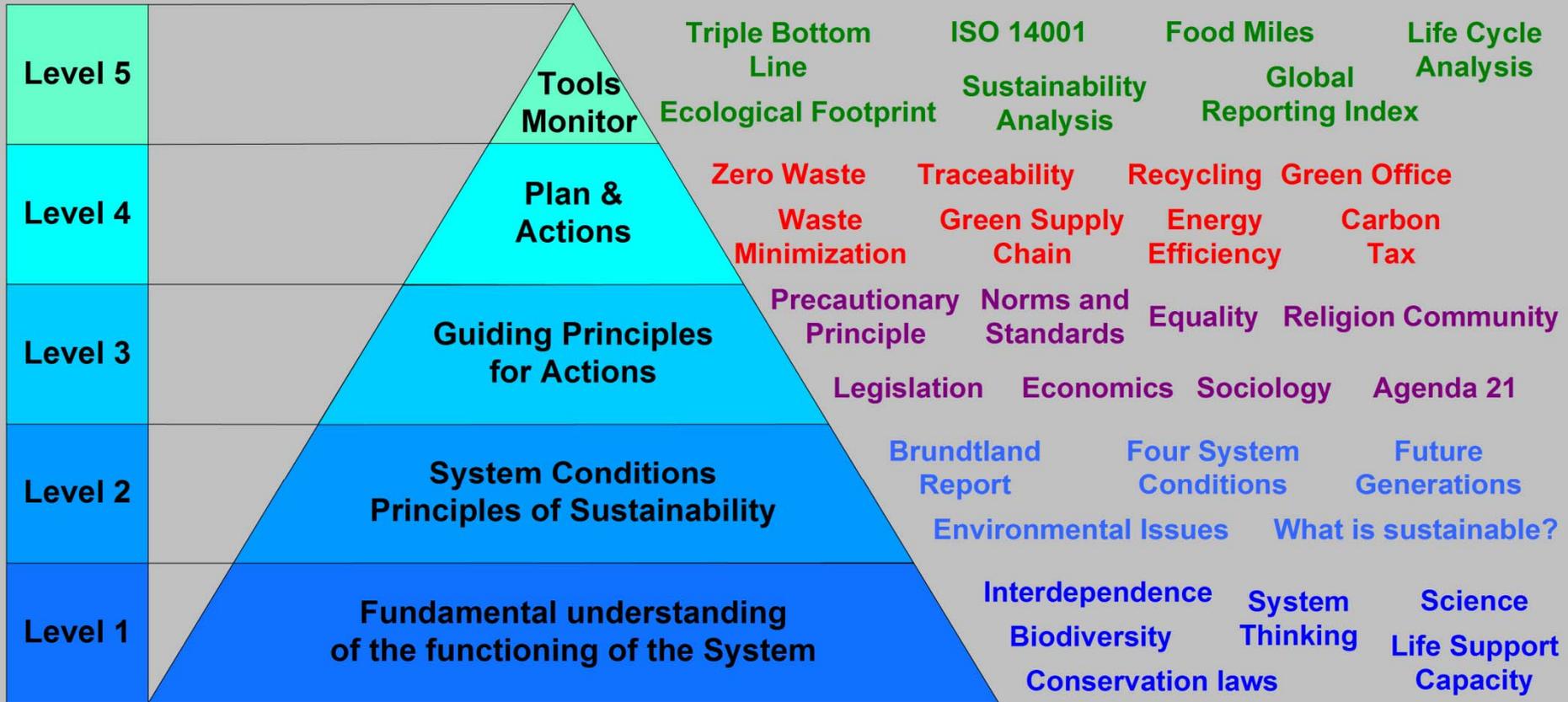
Strategic planning process using visioning and backcasting



Five level framework



Sorting the confusion



Five levels, underpinned by systems thinking

Outreach involved

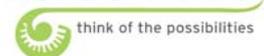
- Eight community 2 day workshops
- Five secondary schools workshops
- Output available on the website and as reports.
- Business workshop
- Disability sector
- + some involvement in public events and stakeholder conversations



We can do something to
help change things . . .

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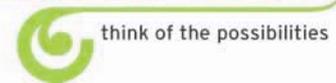
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Have a hug in Howick!

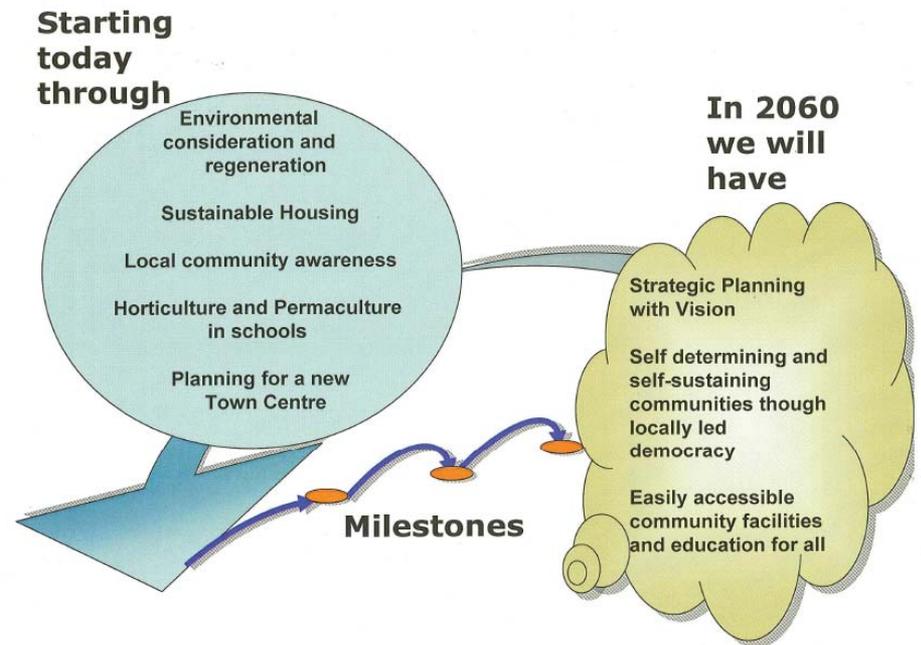


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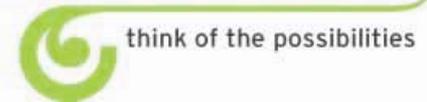


Documentation from a Workshop

- Long term vision and strategic intent for the community
- Milestones of progress
- Initial actions to achieve long-term goals



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Common goals between communities

1. Greater certainty in the planning framework and more community input.
2. Support for the concept of urban villages
3. More local resilience
4. Enhanced amenity values Transport
5. Housing



IT'S UP TO YOU

Vote for the future you want
for your community, your city, your country

Please fill out your voting form and tell us:

- Which of the 4 scenarios would you prefer?
- Which of the do you think is most likely to occur?
- Do you think you could make a difference?
- Would you like to learn more, and work with others to design your preferred future?

(Fill in your contact details - register of interest in workshops)

The choices we make today, and the decisions our leaders make on our behalf, are what will make the difference

We can do something to create the future we want . . .

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think of the possibilities



Where to next?



“They were nothing more than people by themselves. Even paired, any pairing, they would have been nothing more than people themselves. But all together, they had become the heart and muscles and mind of something perilous and new, something strange and growing and great. Together, all together they were instruments of change”.

The Bone People