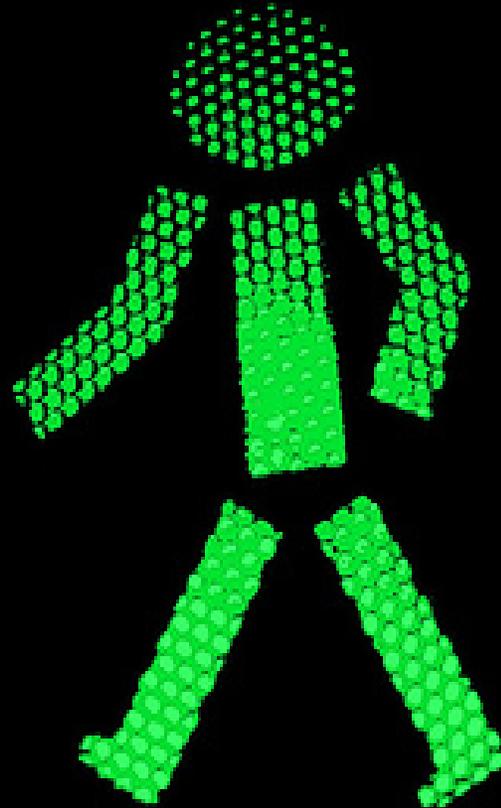
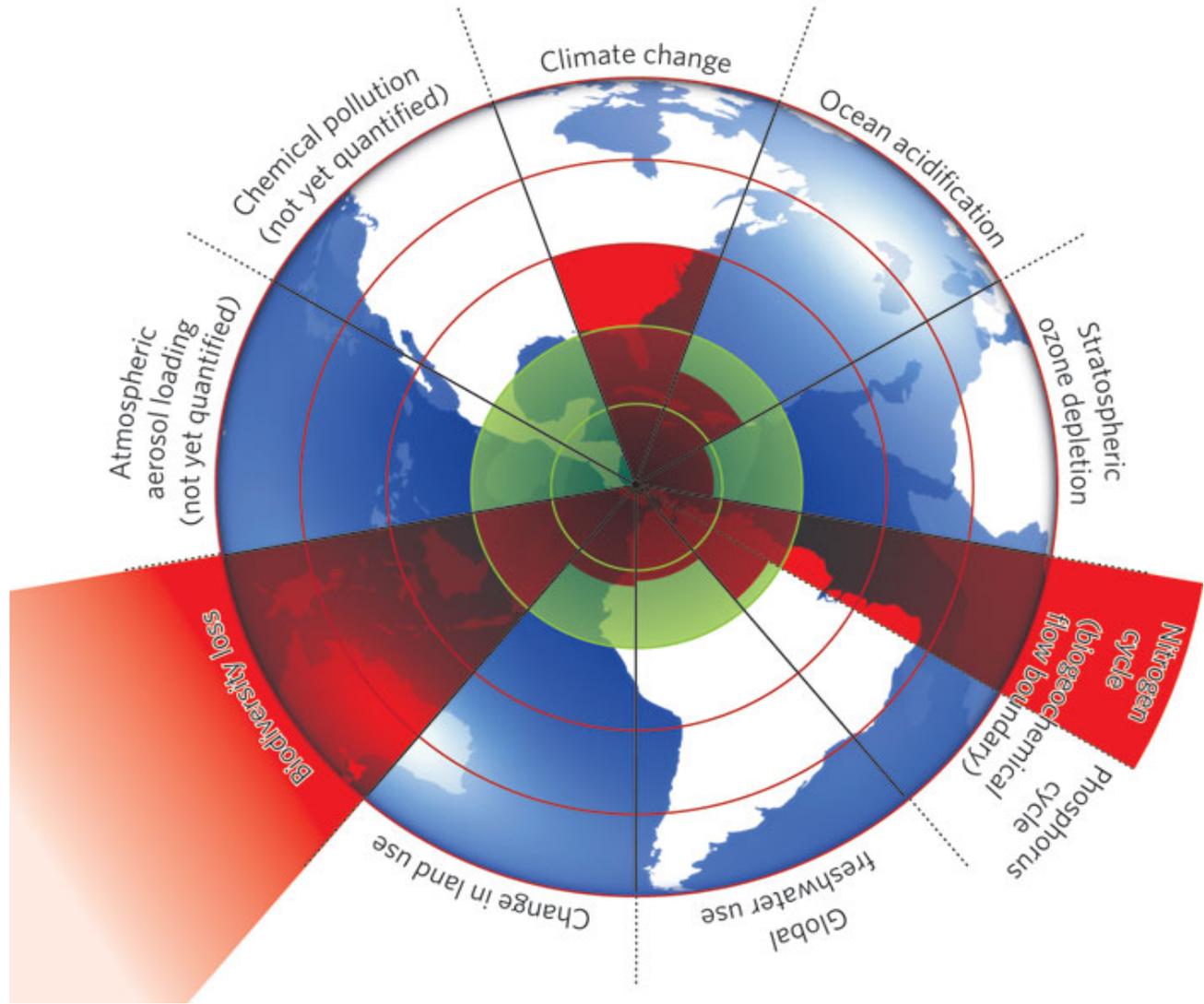


# In an ideal world traffic lights should always be green



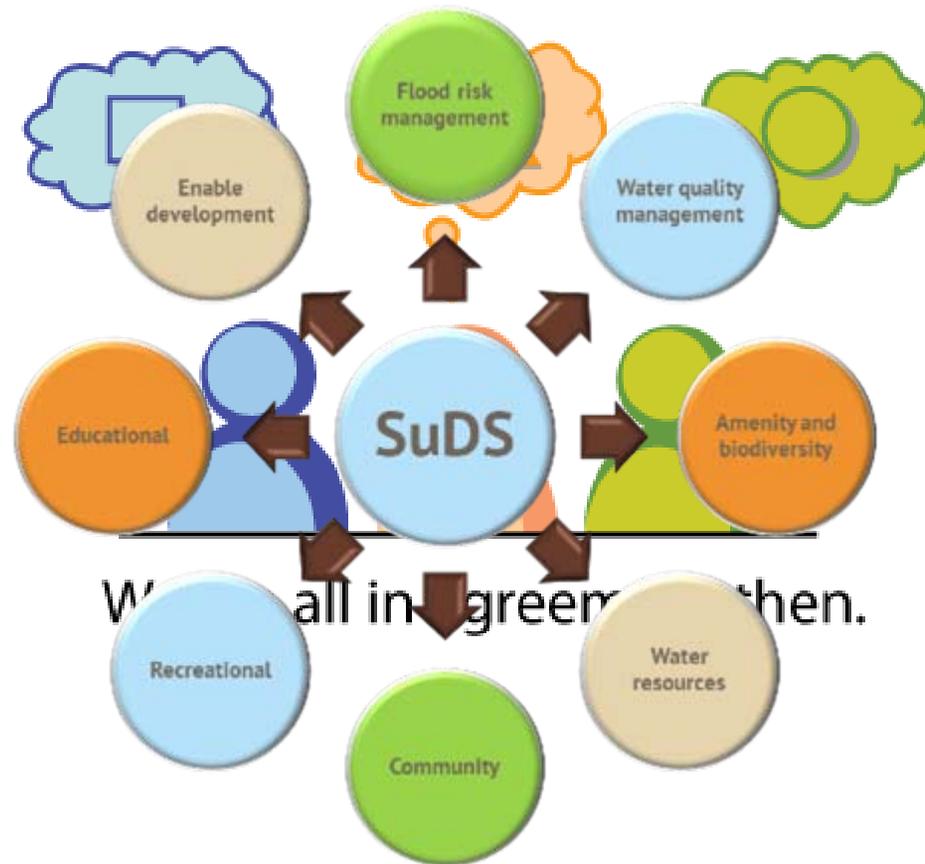
**enabling a more sustainable Scotland**

*Spaceout by Hugo-photography*



**SEPA is evolving in an increasingly complex world**

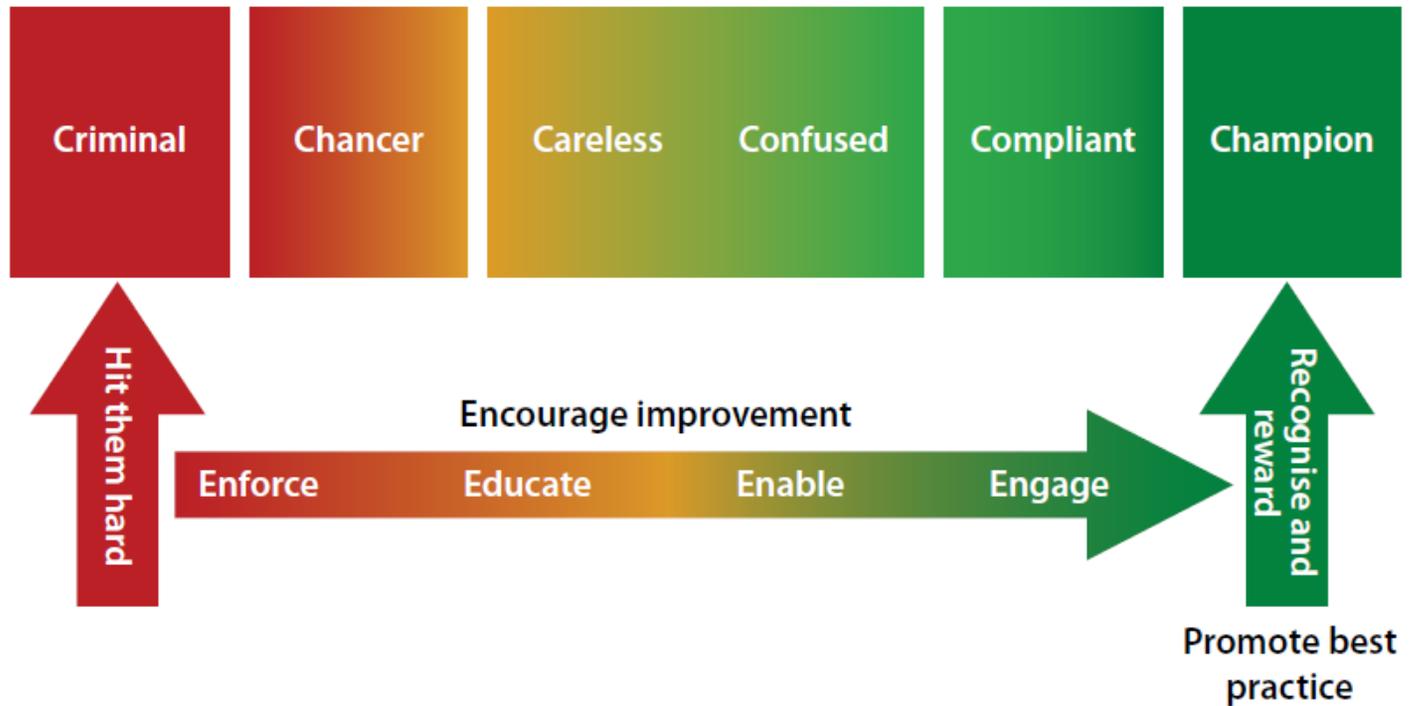
# We want to deliver multiple benefits for sustainable development



# How are we going to do this?

- Better environmental regulation
- A new funding model
- A new approach based on ecosystem services
- Citizen science

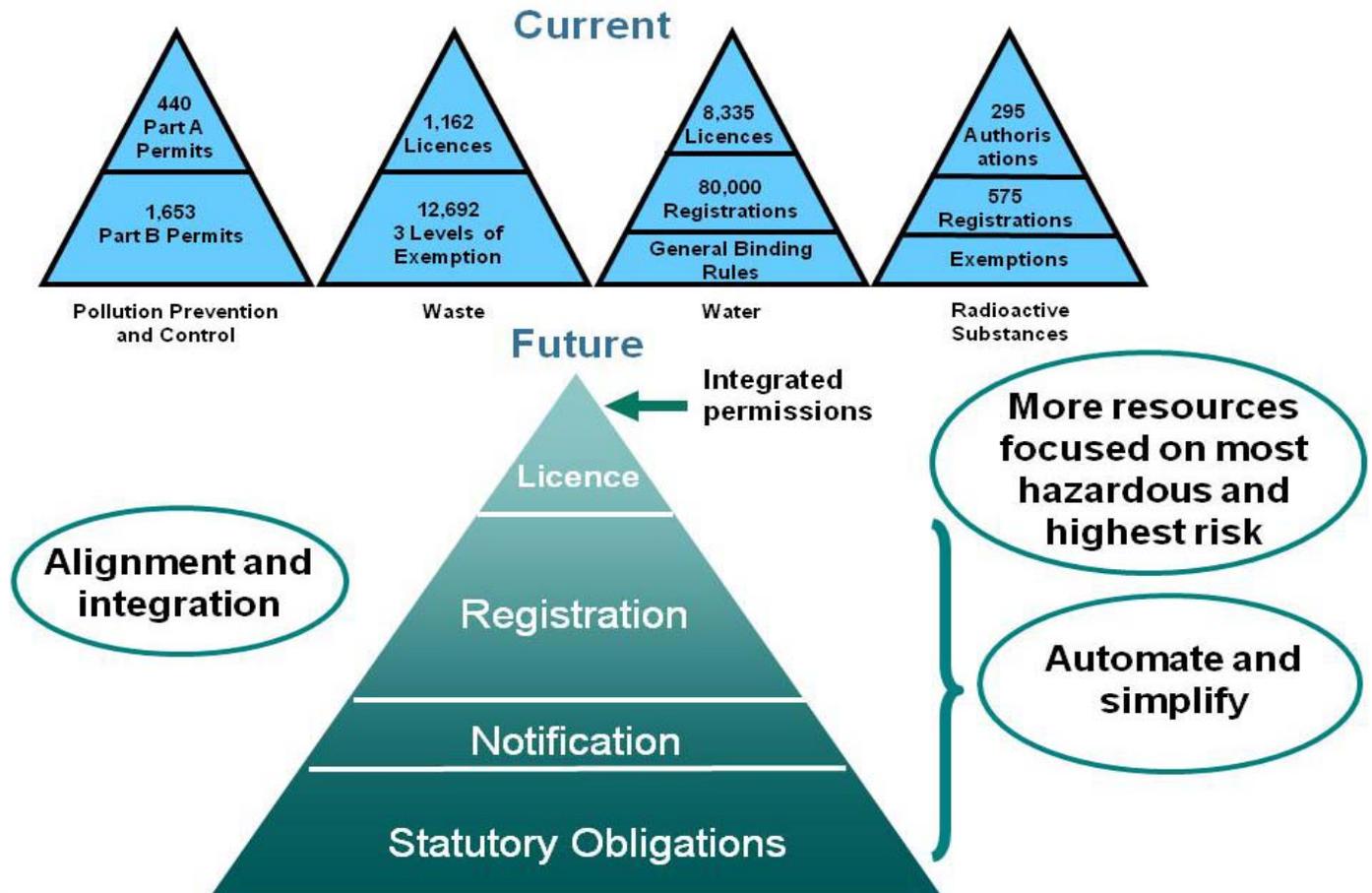
# Better Regulation: a new integrated regulatory model which rewards best practice.



# What's in the consultation?

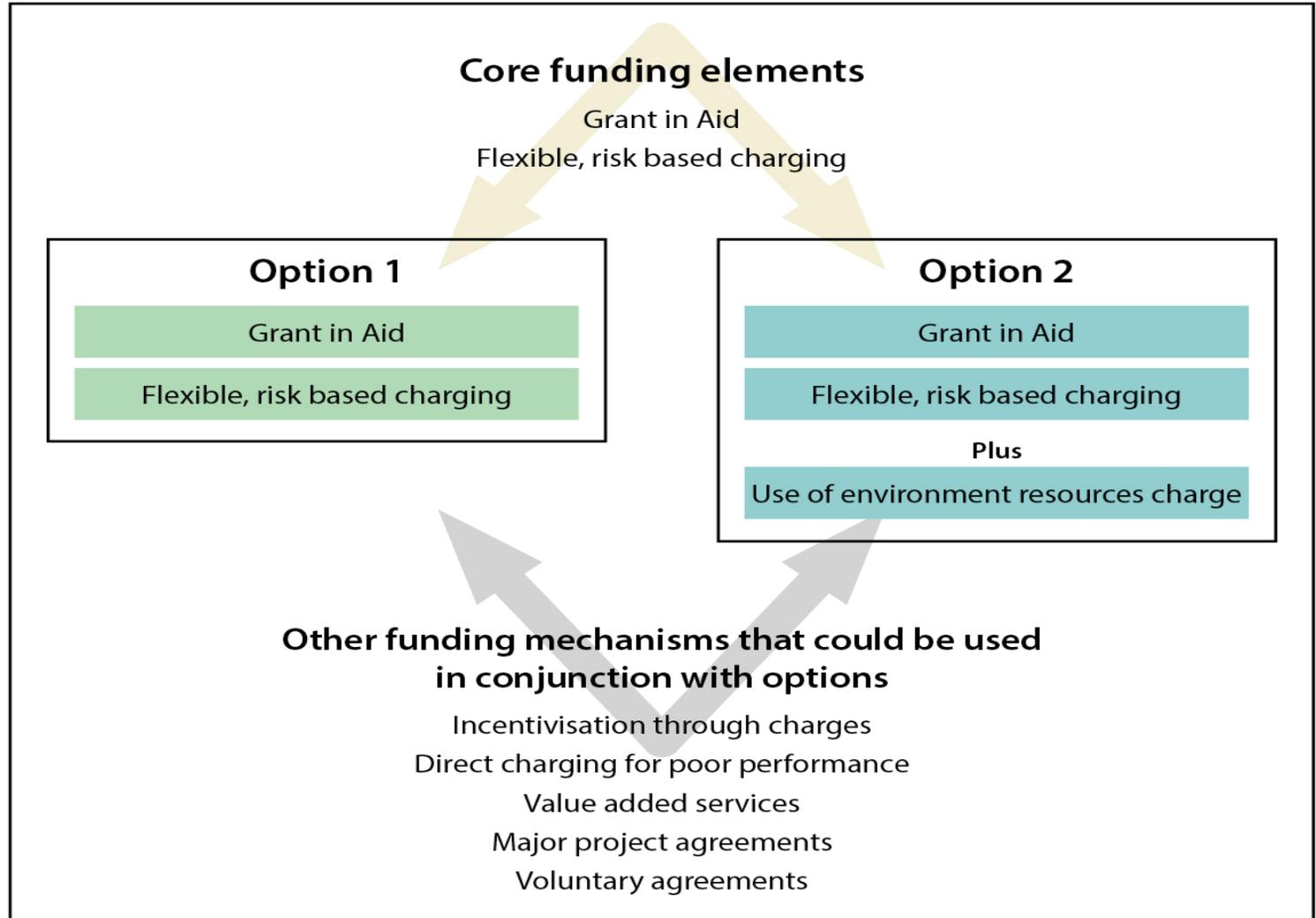
## Simpler regulation

Developing a new integrated regulatory model

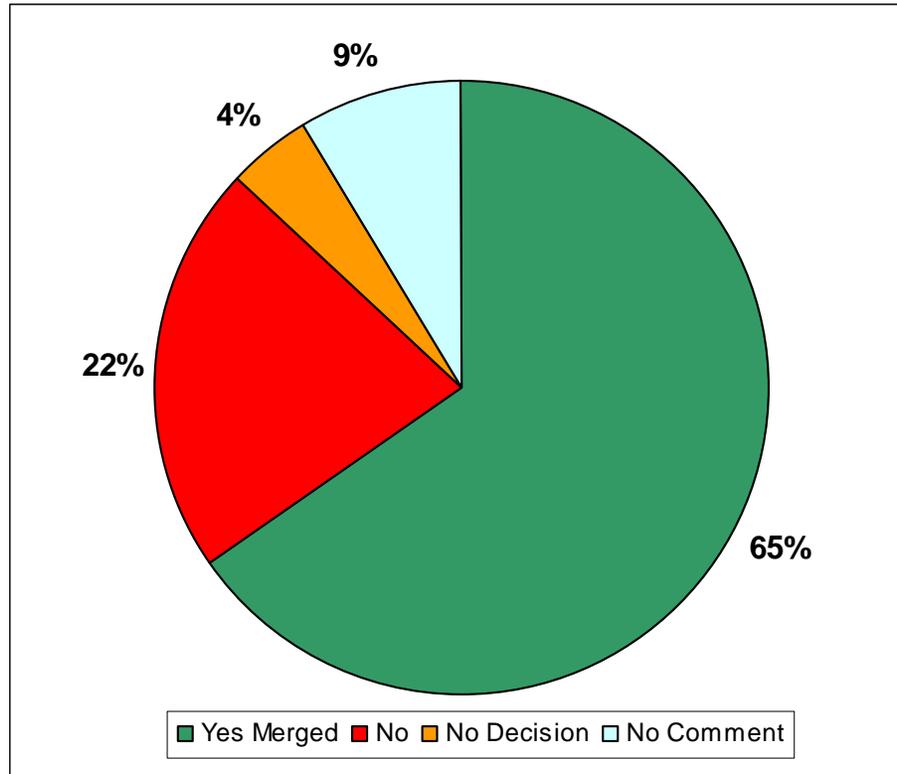




# SEPA is developing a new funding model, based on the polluter pays principle.



65% of consultees support a move to a risk-based approach to charging.



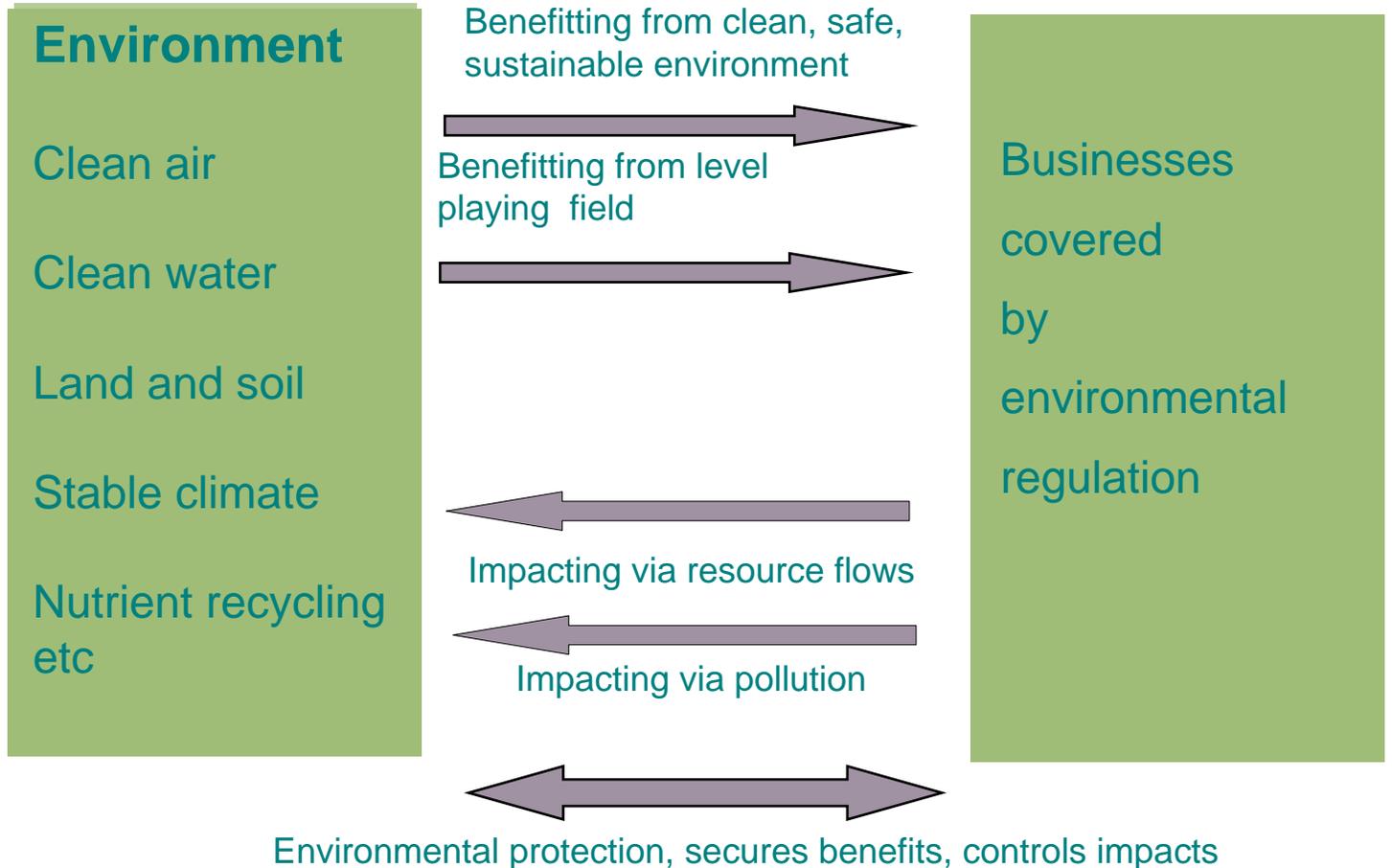
**Ecosystem services in Scotland  
worth c.£23billion/year  
(£9,400/household/year)**



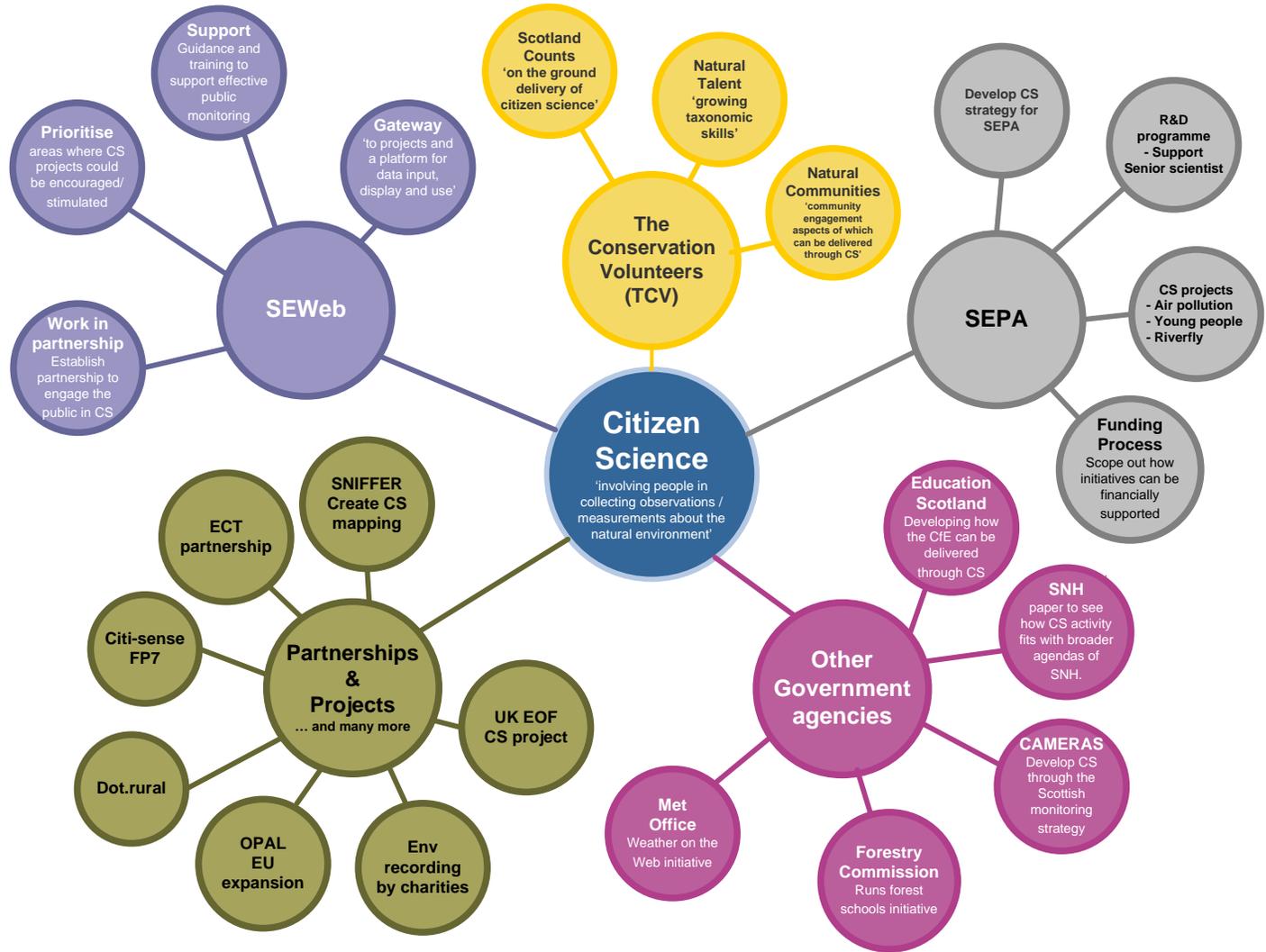
**Environmental protection  
costs c.£350m/year  
(£150/household/year)**

**Cost : Benefit for environmental protection of  
1:66**

# ...more than value for money!



# Engaging citizens in their environment through citizen science





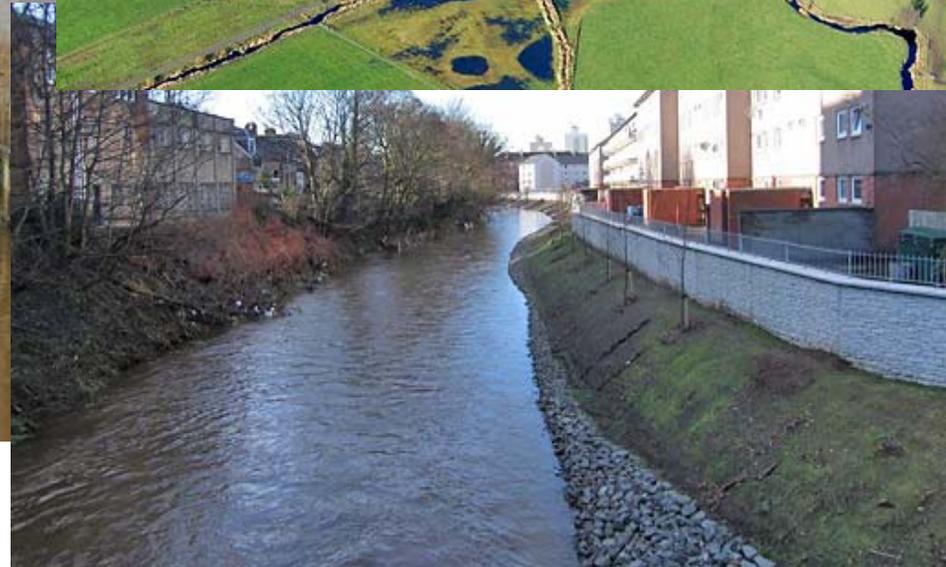
*Here's what I find so powerful and exciting about citizen science: you can make observations at unlimited locations that would not otherwise be practicable, while at the same time building public support for the environment, and educating and encouraging thousands of new students toward a rewarding career in the environmental sciences.*

*Jerald L. Schnoor*

# Connections to Public Health

## **White Cart Water** flood prevention scheme

upstream storage areas that hold back the flood water mean lower walls downstream in Glasgow



# Public or citizen action

Positive action by the public to protect and improve the environment'.

The LIFE Project seeks to test the premise that *public engagement in monitoring or action can influence environmental attitudes and behaviours.*

