



# Southern Water Catchment Schemes

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# Overview of Southern Water

## Drinking Water

- We supply 521 million litres of drinking water per day
- This requires nearly 14,000 km of water mains and 83 water treatment works
- 70% from underground (aquifers)
- 23% from rivers
- 7% from storage reservoirs

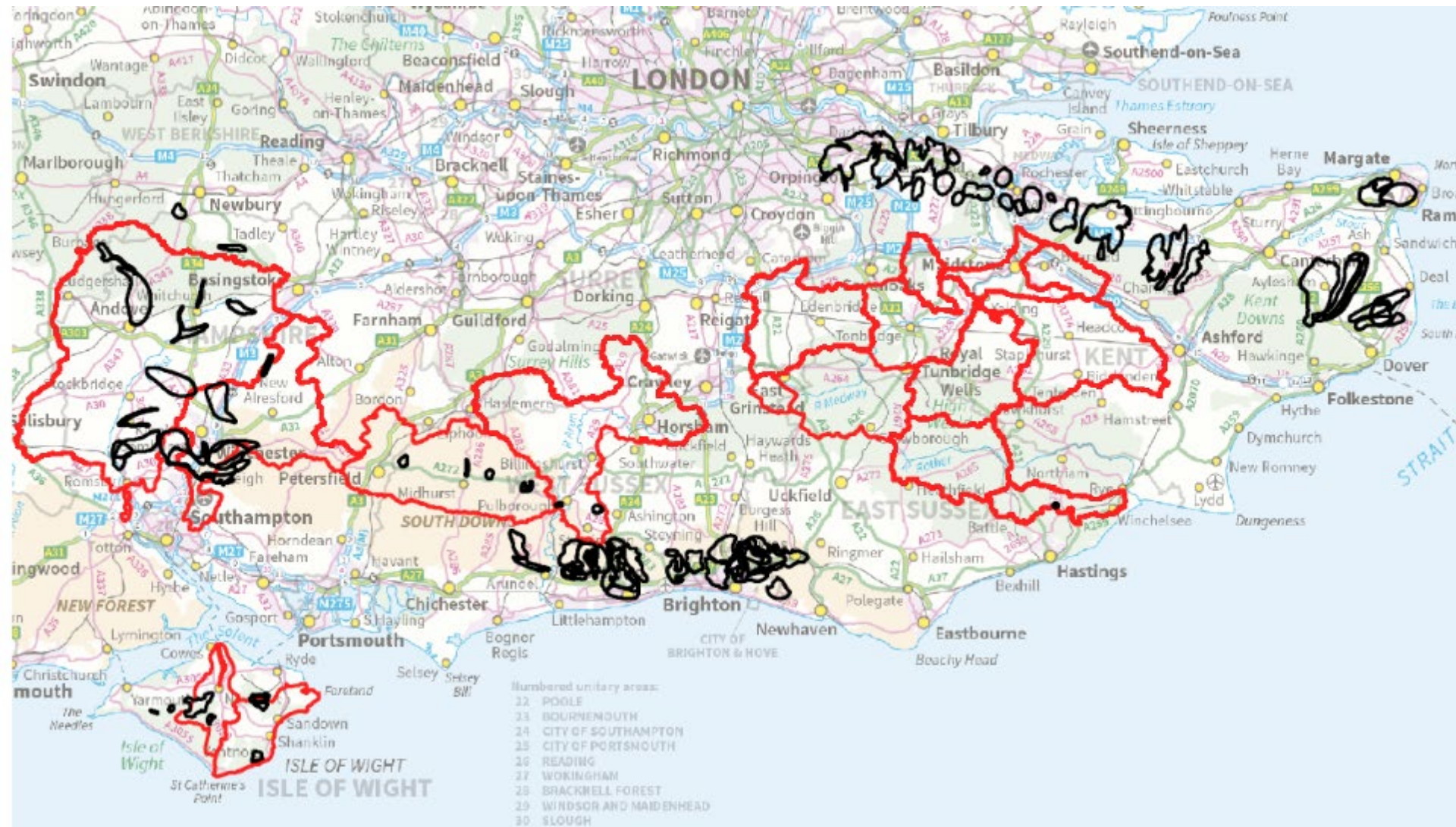
## Wastewater

- We treat 718 million litres of waste water each day
- This requires 365 treatment works and almost 40,000km of sewers

# Southern Water supply area



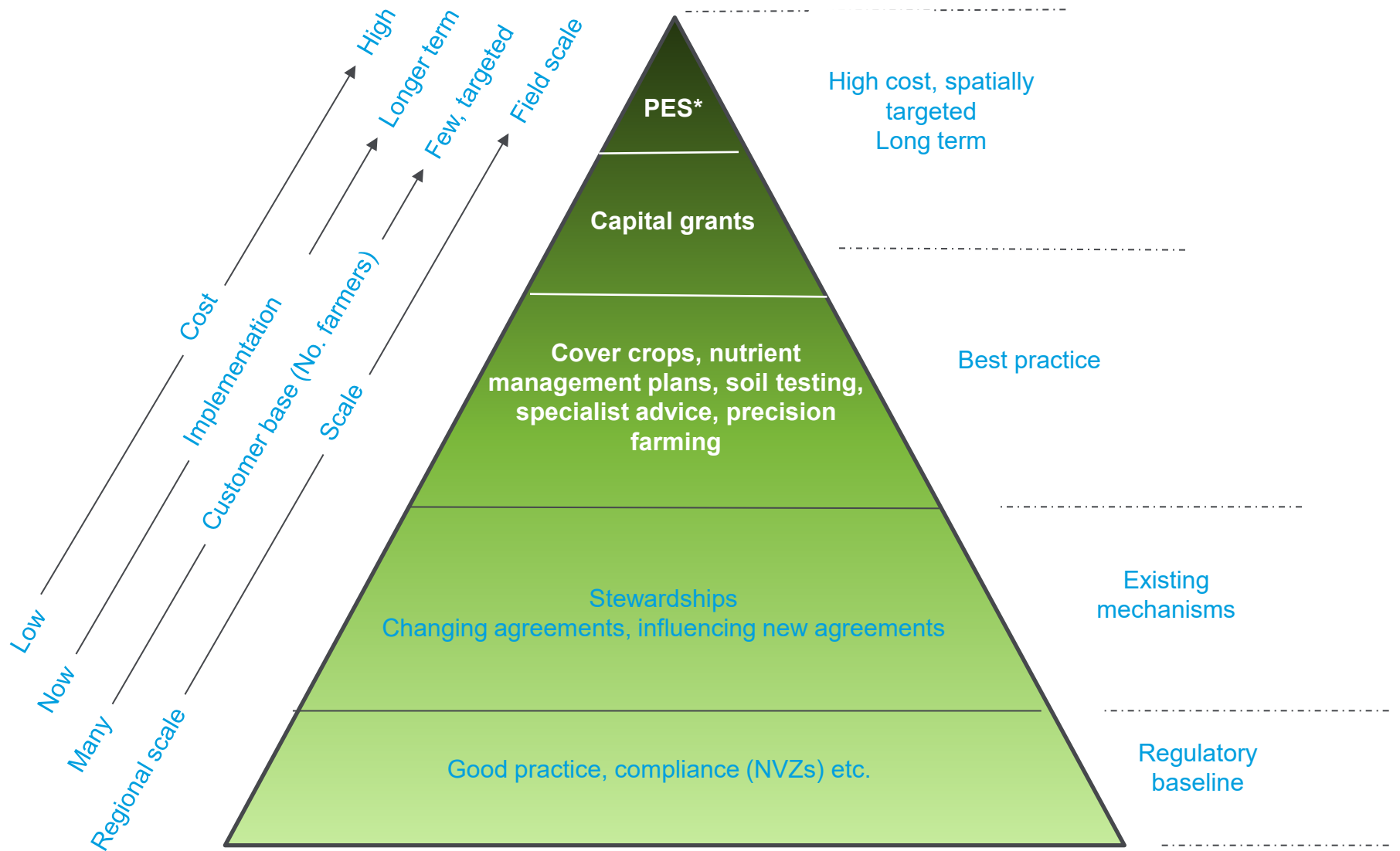
# Drinking water catchments





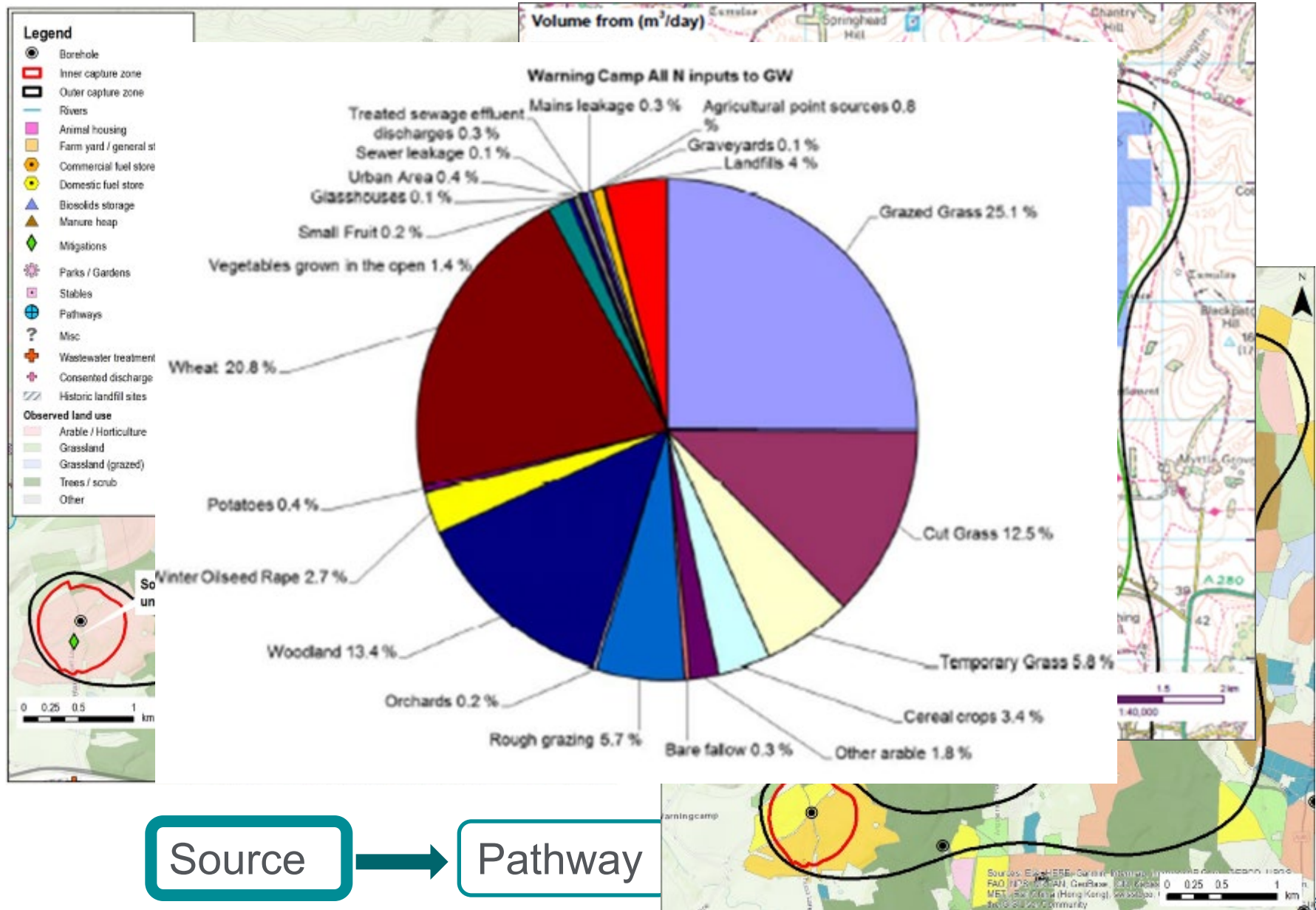
# Southern Water and Catchment Management

- Shift in culture from engineered solutions to working in catchment
  - Proactive rather than reactive / prevention better than a cure
- Working with Catchment Sensitive Farming since 2016
- Engaging with existing partnerships and farm clusters
- Recruiting a Catchment Risk Management Team in 2018
- Currently completing investigations and piloting Catchment Schemes
- Full Catchment Management delivery from 2020



\*PES = Payments for Ecosystem Services

# Catchment Investigations



# Catchment Investigations

## Identifying fast pathways





# Southern Water Catchment Schemes

- Metaldehyde substitution schemes
  - River Adur and Rother Valley
  - Eastern Rother
  - Medway
- ChaMP incentives for N reduction
  - Free SMN sampling
  - Payments for cover cropping
  - Precision farming
- A septic tank and oil tank replacement grant scheme (coming soon)
  - Up to £2,500 for oil tanks
  - Up to £5,000 for septic tanks and package treatment works
- Farm capital grant scheme

# Farm Capital Grant Scheme

- Currently open in ChaMP area and the River Beult (Medway)
- Pesticides focussed but includes an option for 'other items'
- Up to £10,000 per farm per year
- Apply by 15<sup>th</sup> Feb 2019, claim by 28<sup>th</sup> Feb 2020
  - Bunded concrete pad - £1,875
  - Biobed - £3,375
  - Biofilter - £1,485
  - Roofing – up to 50% of costs
  - Other projects and innovative ideas – as agreed

# Farm Capital Grant Scheme





# Thank you

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