

An aerial photograph of Jersey, showing the harbor, the town of St. Helier, and the surrounding countryside. The harbor is filled with boats and has a large breakwater. The town is built on a hillside overlooking the water. The surrounding landscape is a mix of green fields and urban areas.

Jersey - a great place to Live

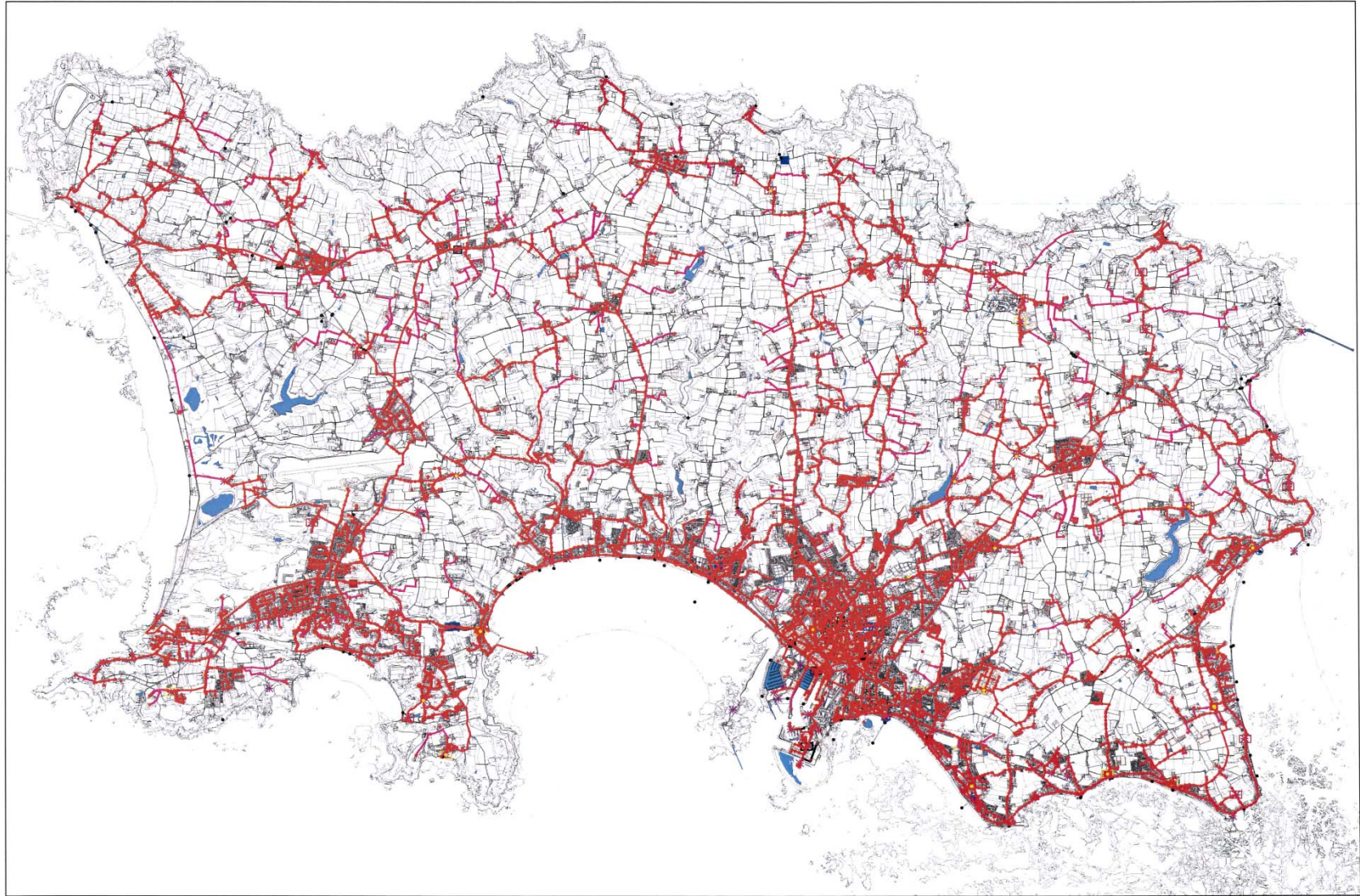
The background of the slide is a soft-focus photograph of light reflecting on water, creating a bokeh effect with warm, golden-yellow and light blue tones. The text is centered over this background.

Waste Water Infrastructure

CURRENT STATUS

[Video - http://vimeo.com/74357537](http://vimeo.com/74357537)

Sewerage Network

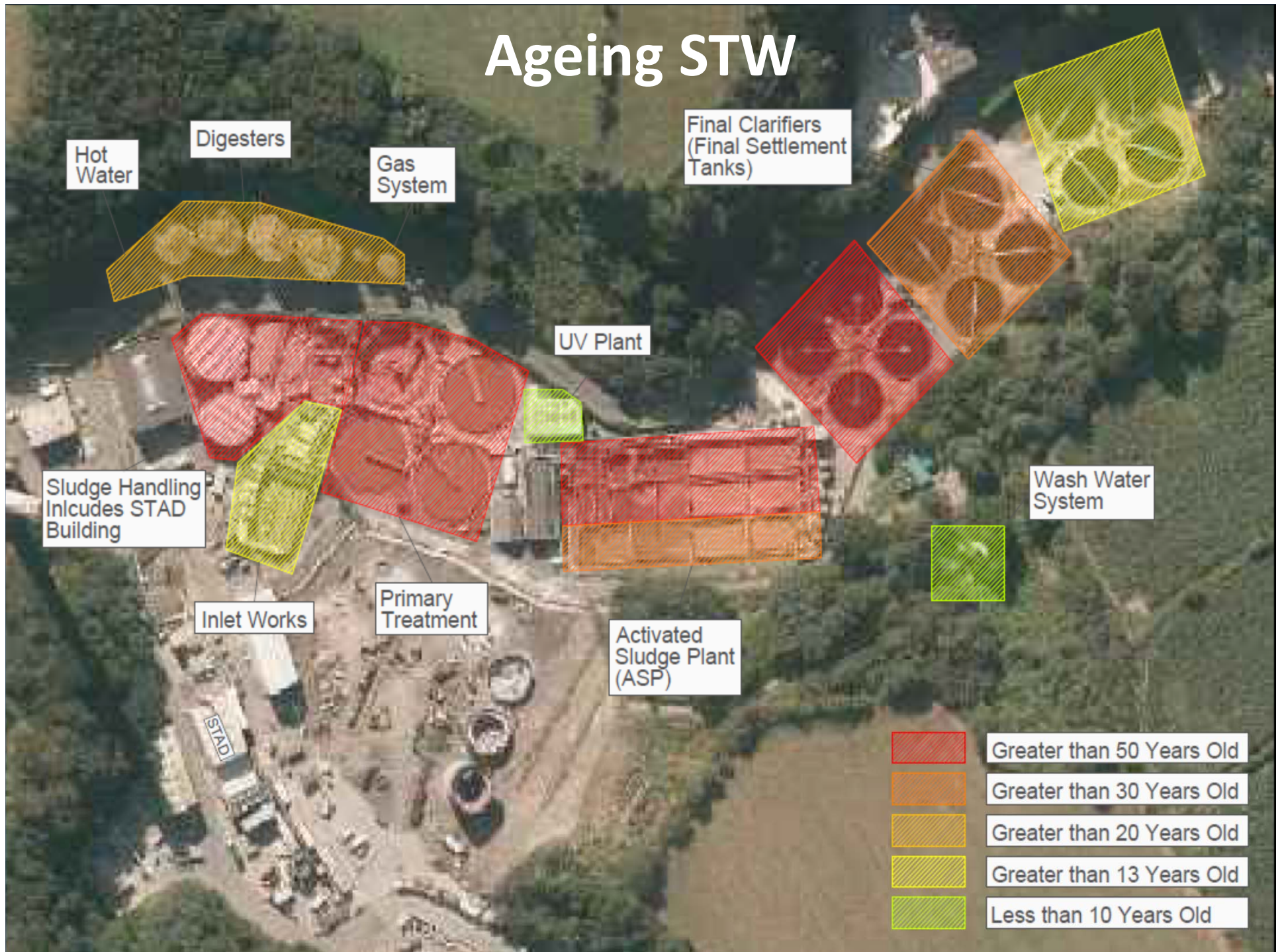


STW – in need of replacement

- Originally designed to meet the standards and population of the 1960s
- Upgraded over the years
- 2008 study revealed 42% of STW in poor state
- Not meeting nitrogen consent limit
- Poor layout - inefficient
- Increasingly costly and difficult to maintain
- Increasingly costly to operate
- Increasing risk of failure



Ageing STW





Can we just stay as we are and invest later?

Is “Do Nothing” an option?

- Prosecution by Regulator for non-compliance
- High risk of catastrophic Infrastructure failure resulting in:
 - Polluted sea waters - adverse health effects to water users and marine life
 - Damage to Jersey’s international reputation
 - Damage to Tourism
- Unfortunately Liquid Waste cannot be stored (25,000 tonnes per day)

The background of the slide is a soft-focus photograph. It shows a body of water in the foreground, with numerous bright, out-of-focus light spots (bokeh) scattered across the upper and middle portions of the frame. These lights appear to be reflections of distant city lights or street lamps. The overall color palette is warm, with a mix of light blues, greens, and yellows.

Waste Water Infrastructure

FUTURE PLANS

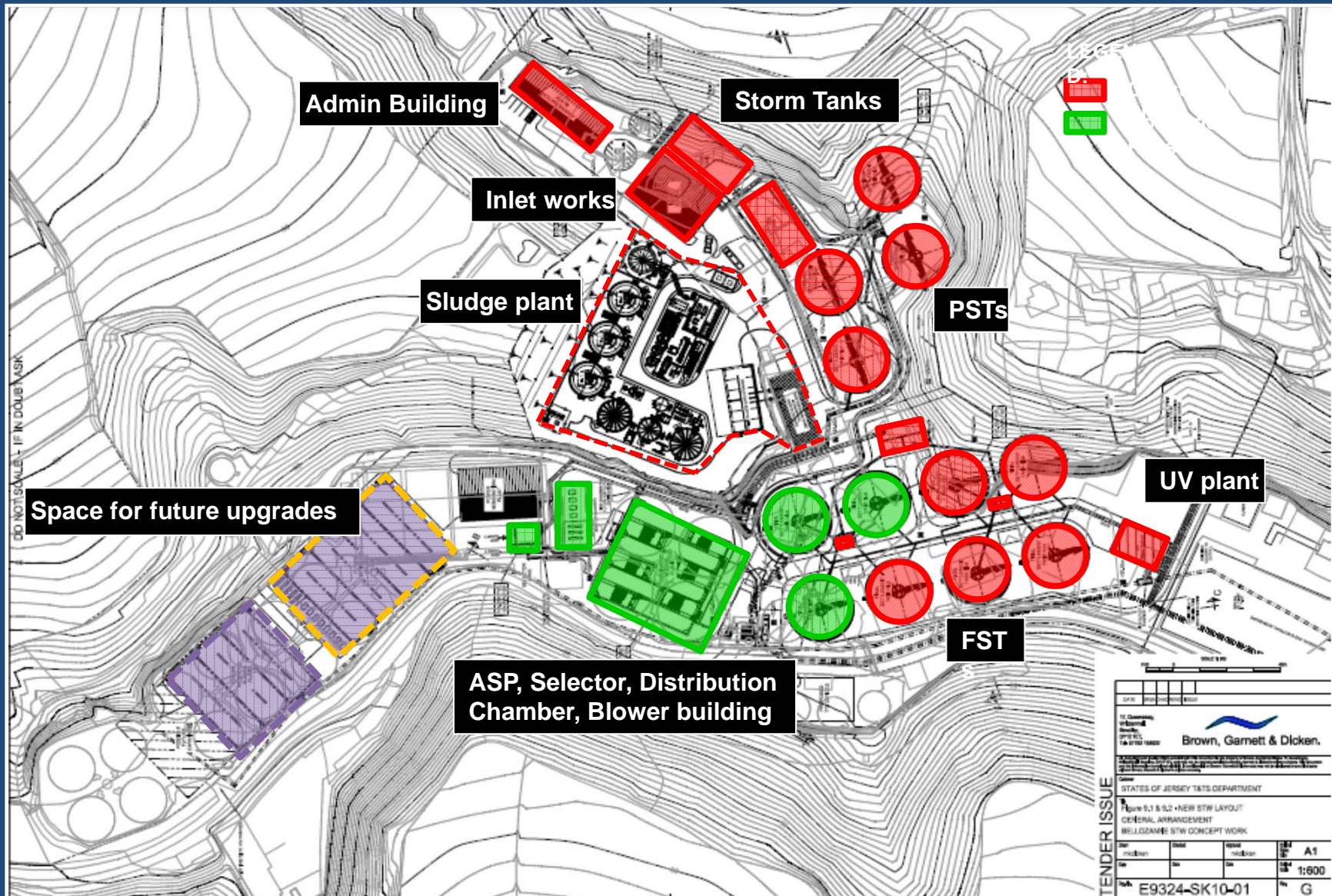


Upgrading the Sewage Treatment Works will allow for

- **Odour control facilities**
- **Increased automation**
- **Electricity generation**
- **Reduced staffing**
- **Additional treatment capacity at the works(over 30%)**
- **Additional storm sewage storage at the works**

Resulting in:

No more storm sewage being discharged via the outfall into St Aubin's Bay



Liquid Waste Strategy

Current Funding Position

- Funding in TTS existing Capital Programme for Drainage Network and Pumping Station Equipment Replacement
- Additional funding is required to fund the replacement of the Sewage Treatment Works

Project	2014	2015	2016	2017 -19	Total £'000
Approvals required	10,100	64,900			75,000
Indicative cashflow	10,100	20,300	19,800	24,800	75,000



Next Steps

Breakfast tours of the sewage treatment works for States Members

Review by Ministerial Oversight Group

Review by Environment department as part of Water Strategy

States Debate in 2014 on Liquid Waste Strategy / STW replacement

