



# naturally richer

A Natural Capital Investment  
Strategy for Surrey

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# Natural Environment White Paper

The Natural Choice:  
securing the value  
of nature

- LNPs to ‘work at a strategic scale to improve the range of benefits and services **we** get from a healthy natural environment’ .





- Sustainable land use and management
- Smart (Green) economic growth
- Quality of life and local health and wellbeing





# Surrey Nature Partnership



Surrey Nature Partnership  
Healthy Environment | Healthy People | Healthy Economy

## Governance

- Executive Board
- Working Groups

## Raising Profile

- Engagement with Local Enterprise Partnerships, business, MPs & Local Authorities, academia
- Communications Strategy
- Stakeholder Engagement Plan

## Projects

- Biodiversity Offsetting (Habitat Creation Register)
- Valuing Surrey
- Future Skills
- Joint Greenspace & Health Conference

## Business Plan

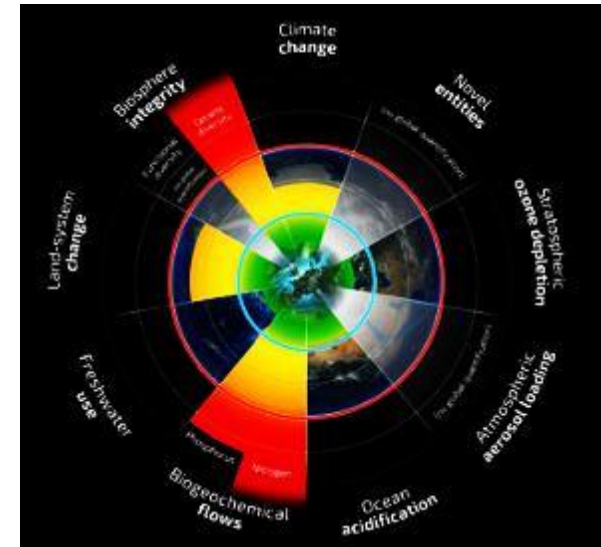
- Natural Capital Investment Strategy
- Natural Capital Investment Plan – 2017
- Sustainable Partnership



Global &  
International

# Drivers for Action

- EEA State of the Environment Report
- IUCN Business Engagement Strategy
- Natural Capital Declaration
- Forest Trends
- Natural Capital Coalition
- World Forum on Natural Capital
- McKinsey reports
- NatureVest - \$23bn



**Natural Capital is elements of nature (soil, water, air, land) which directly or indirectly provide value or benefits to people**

Currently these assets are being over-utilised and pressure from population and consumption is increasing

Both chronic and acute impacts result for the economy, business, health & quality of life and the environment

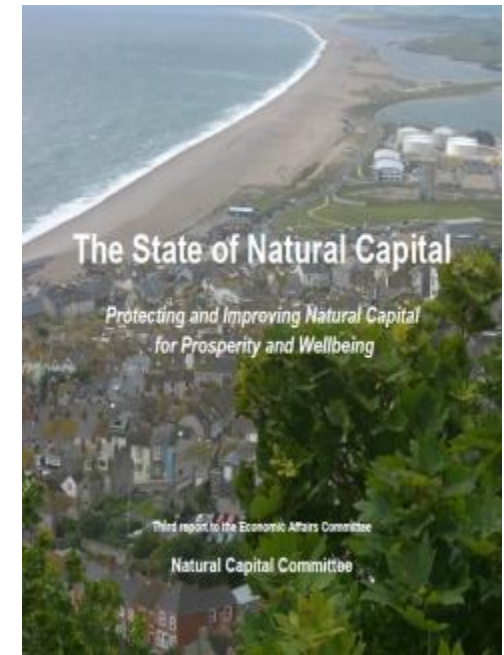
“We have crossed 4 out of 9 planetary boundaries”  
Stockholm Institute, 2015



# Drivers for Action

National

- Natural Environment White Paper/Biodiversity 2020 Strategy
- UK National Ecosystem Assessments
- Natural Capital Committee - State of Natural Capital 1 to 3 & Government response – (agrees 8 out of 9)
- Ecosystems Markets Task Force
- Natural Capital Initiative
- Millennium Ecosystem Assessment



“The [UK] decline in natural capital is likely to accelerate, unless there is some radical departure from the approaches of the past” Third Report of Natural Capital Committee, January 2015

*“We agree with the Committee that if economic growth is to be sustained, natural capital has to be safeguarded”*  
Government ‘s Response, September

**Therefore the challenge is how to meet the needs of people and the economy despite increasing pressures**





# Drivers for Action

Surrey situation reflects global and national situation:

- Planned population to increase from 1.17M in 2015 to 1.37M in 2037
- 2014 flood damage created a repair bill of £12.5M for Surrey County Council
- Surrey residents currently consume almost 3 planets worth of resources compared to 2.5 planets as the national UK average
- Only 23% of residents have access to 2ha greenspace within walking distance
- Significant assets eg Surrey's 41kha of woodland worth £90M of economic and social benefits



Local

- Resource Balance Sheet
- Valuing Surrey
- Biodiversity Offsetting
- Joint Strategic Needs Assessment
- Natural Capital Investment Strategy

“Working strategically with relevant partners to manage natural assets and support business development” Recommendation to local authorities from the UKNEAFO, 2014

# Valuing Surrey: key initial findings



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*Surrey's 41,225ha of woodland provide a social and economic benefit of approximately £90 million per year.*

This includes:

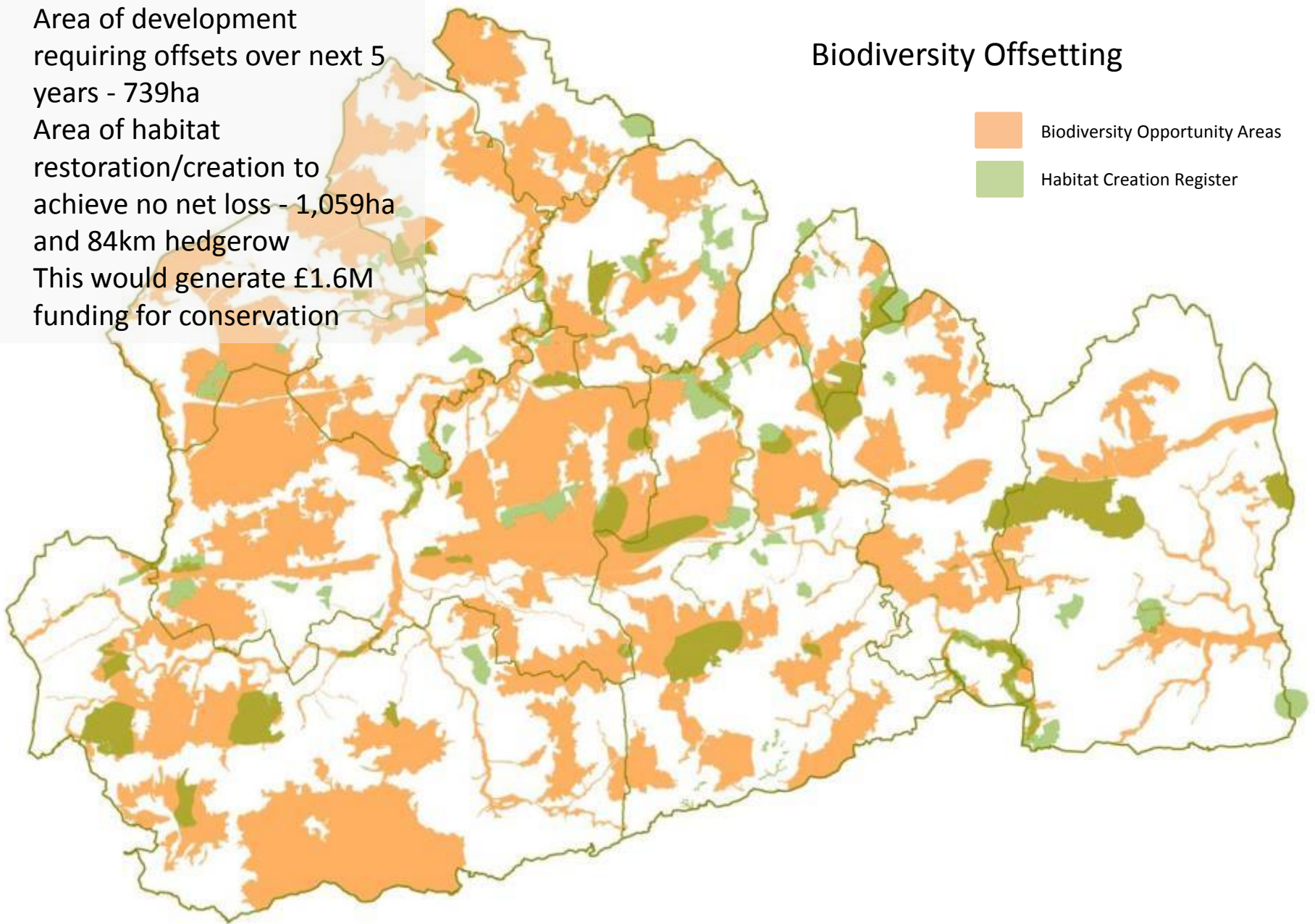
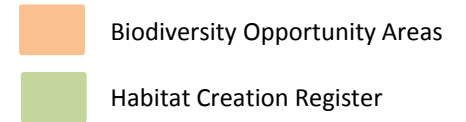
- ✓ 800 tonnes air pollutant removal, £13 million
- ✓ 350,000 tonnes carbon removal, £12 million
- ✓ 150,000m<sup>3</sup> timber production, £2.5 million
- ✓ 18 million recreational visits, £63 million
- ✓ The three largest sources of value from Surrey's woodland are not reflected in market prices.
- ✓ Other environmental goods and services that are of value - water regulating services (quantity of water/flooding and quality of water) and woodfuel



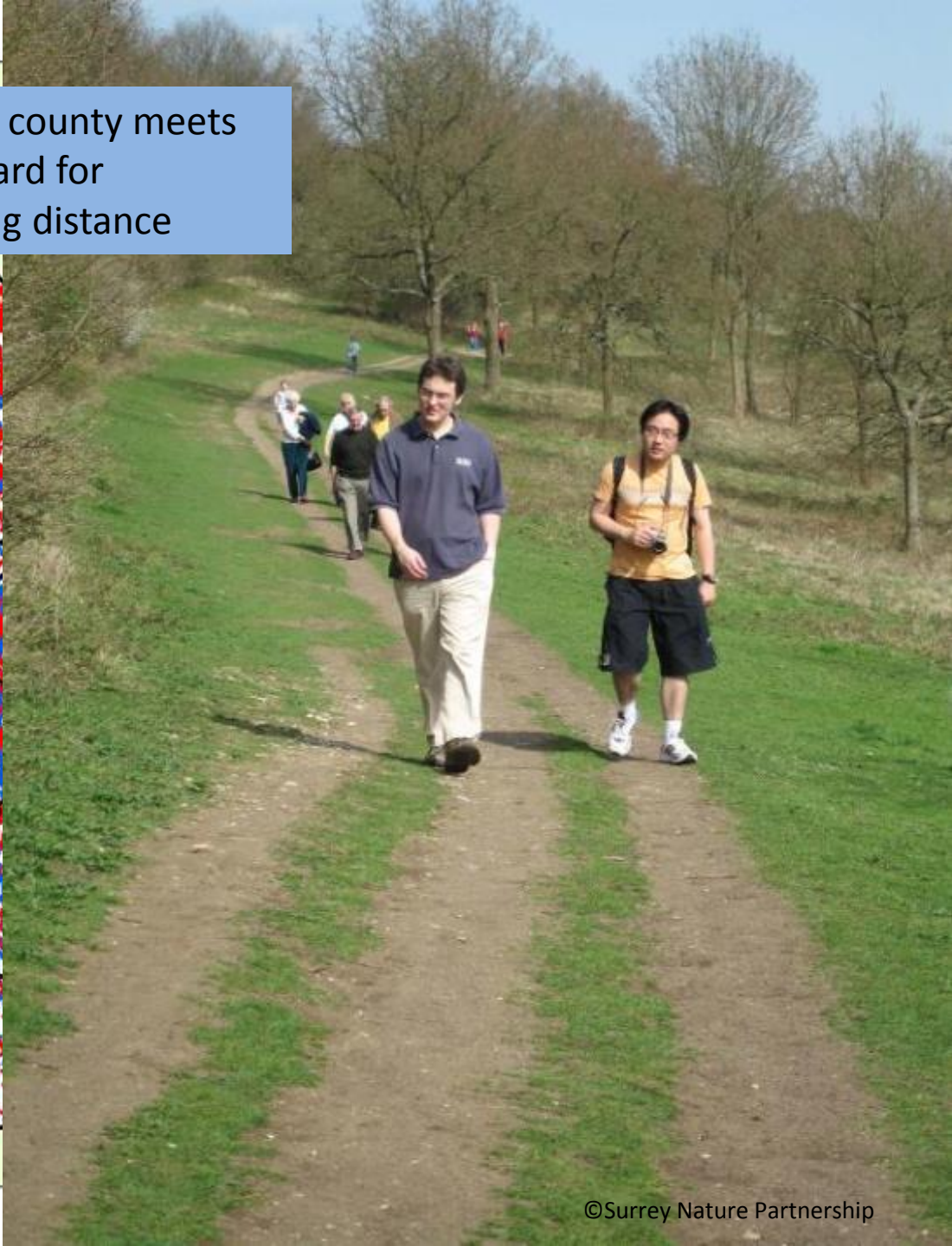
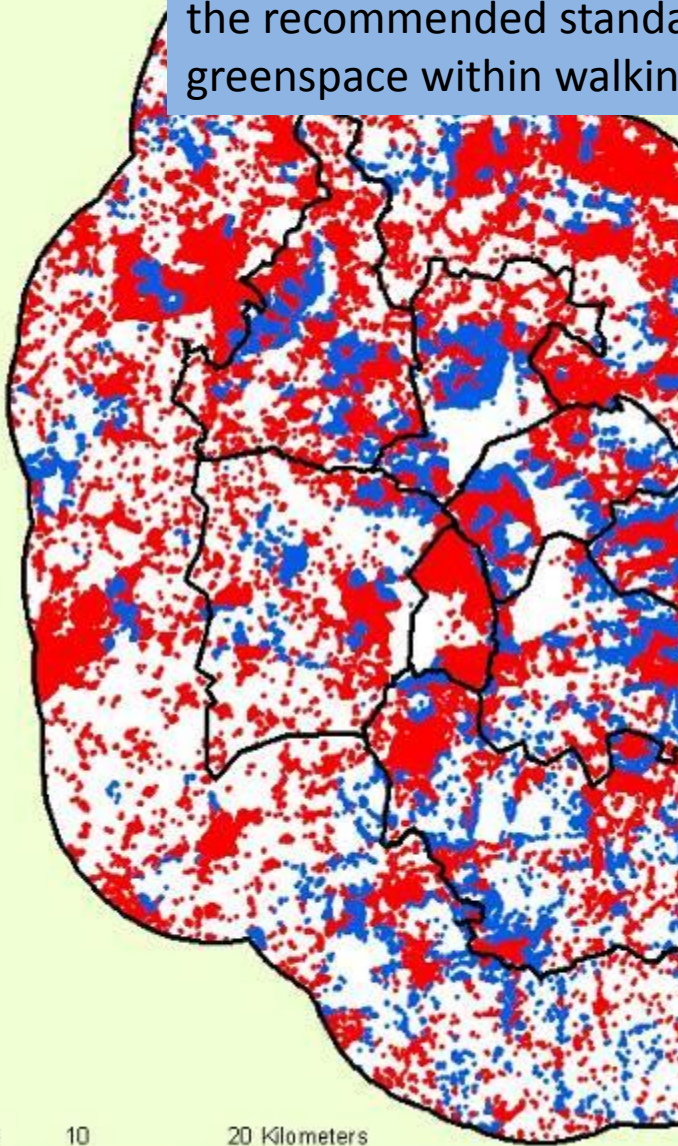


- Area of development requiring offsets over next 5 years - 739ha
- Area of habitat restoration/creation to achieve no net loss - 1,059ha and 84km hedgerow
- This would generate £1.6M funding for conservation

## Biodiversity Offsetting



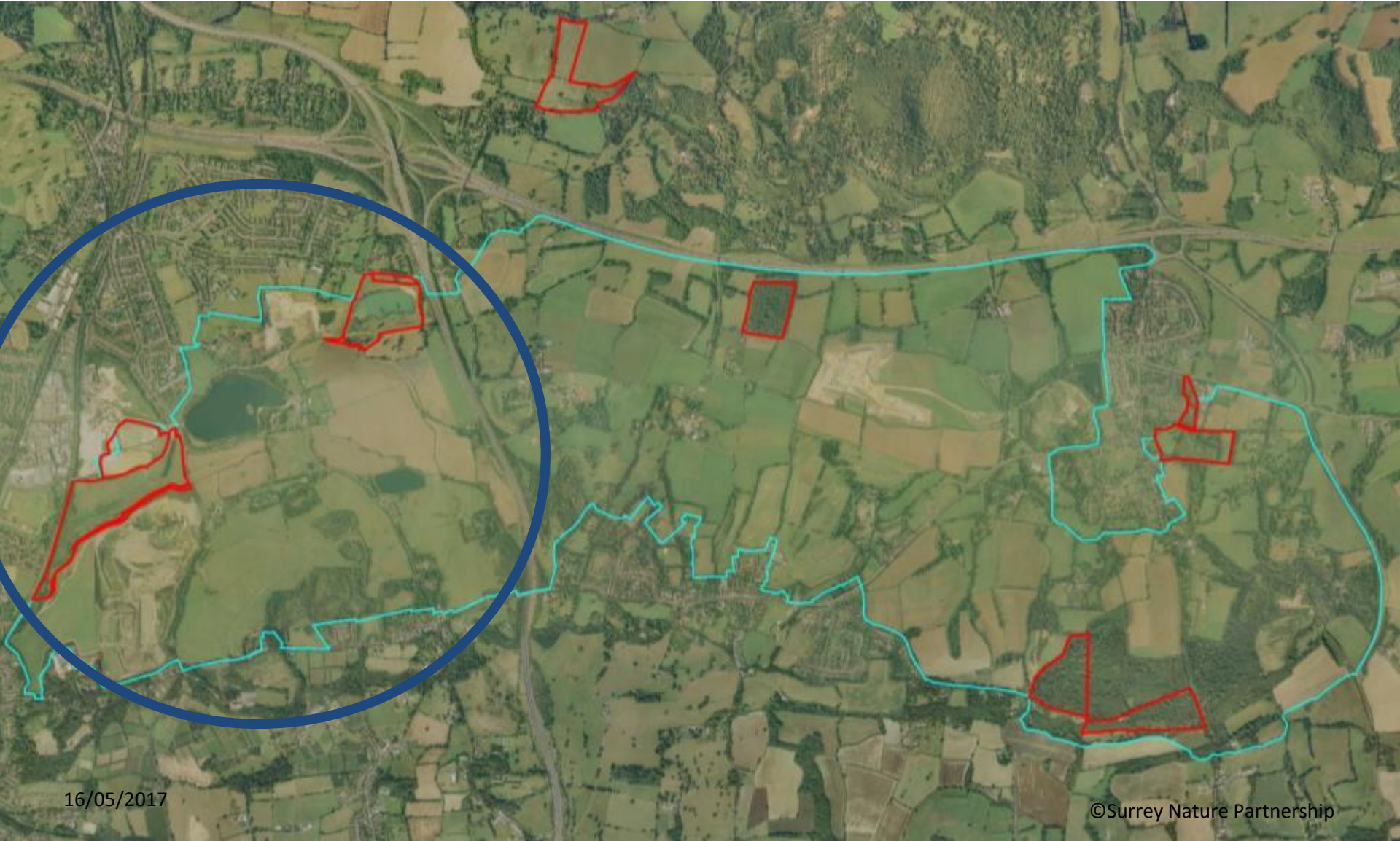
In Surrey only 23% of the county meets the recommended standard for greenspace within walking distance



# Natural Capital Investment – Nutfield Marshes



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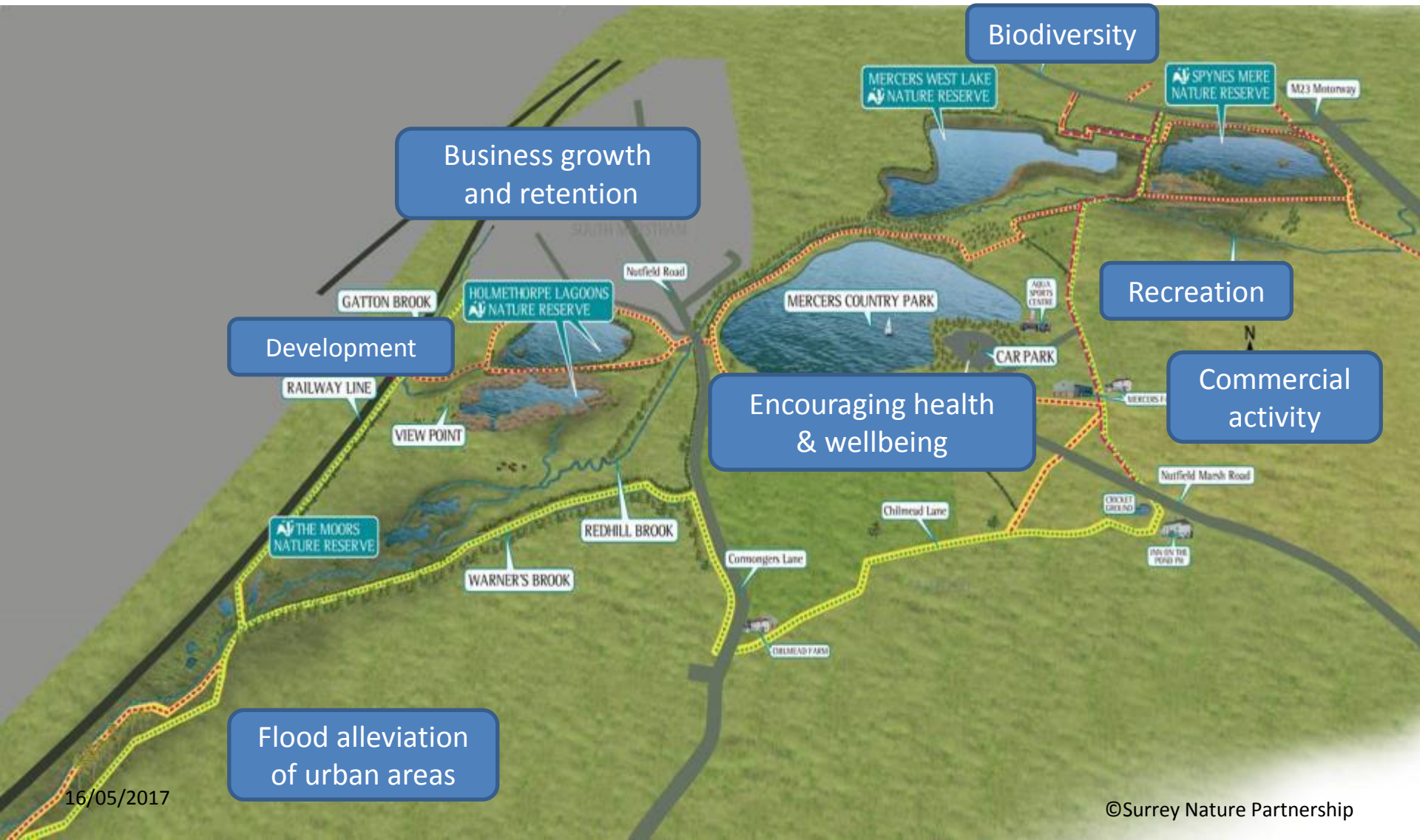


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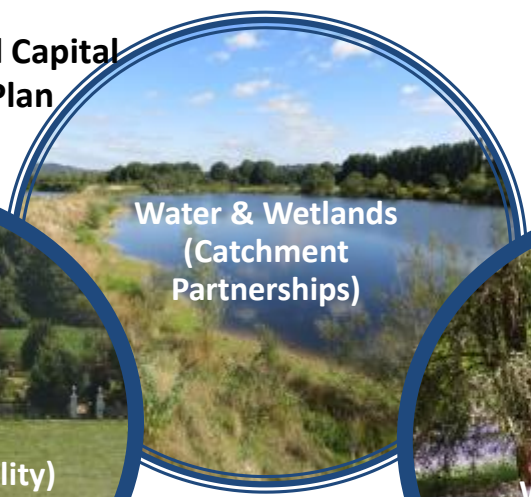
# Nutfield Marshes – Multiple services provided





# naturally richer: Investing in Surrey's Natural Capital Assets – developing a Natural Capital Asset Plan

-  Assets (water, air, soil, habitats etc)
-  Assets (non-renewable)
-  Mechanisms for delivery
-  Services (clean water, energy, pollination etc)



**Multiple benefits; health and well-being, economic prosperity, sustainable land use**

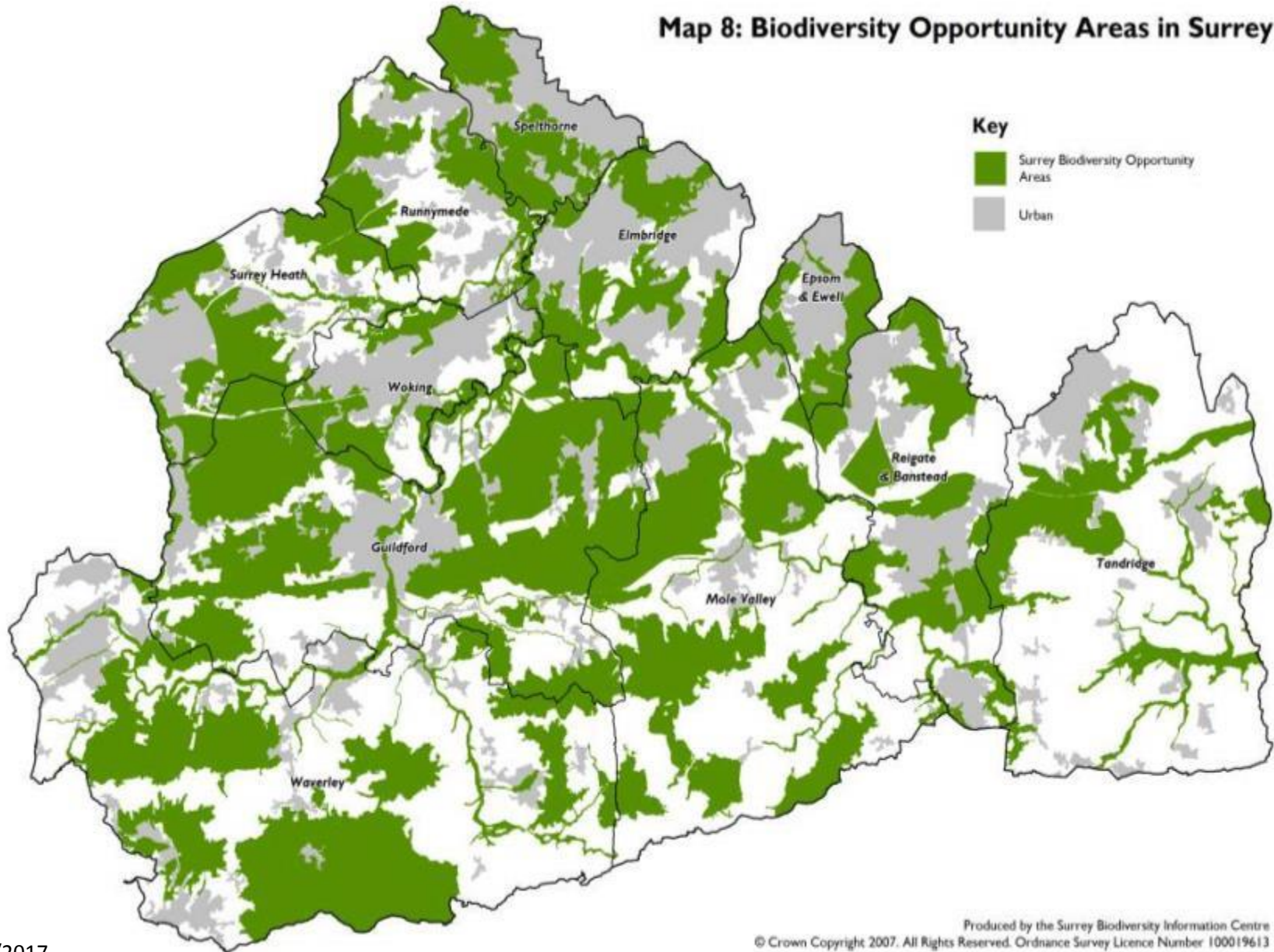


# Investing for Returns



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## Map 8: Biodiversity Opportunity Areas in Surrey



# Surrey – England's most wooded county. But what does it do for us?

✓ 150,000m<sup>3</sup>  
timber  
production,  
✓ £2.5 million

✓ 800 tonnes air  
pollutant  
removal  
✓ £13 million

**£90  
million  
annually**

✓ 18 million  
recreational  
visits,  
✓ £63 million

✓ 350,000  
tonnes  
carbon  
removal,  
✓ £12 million

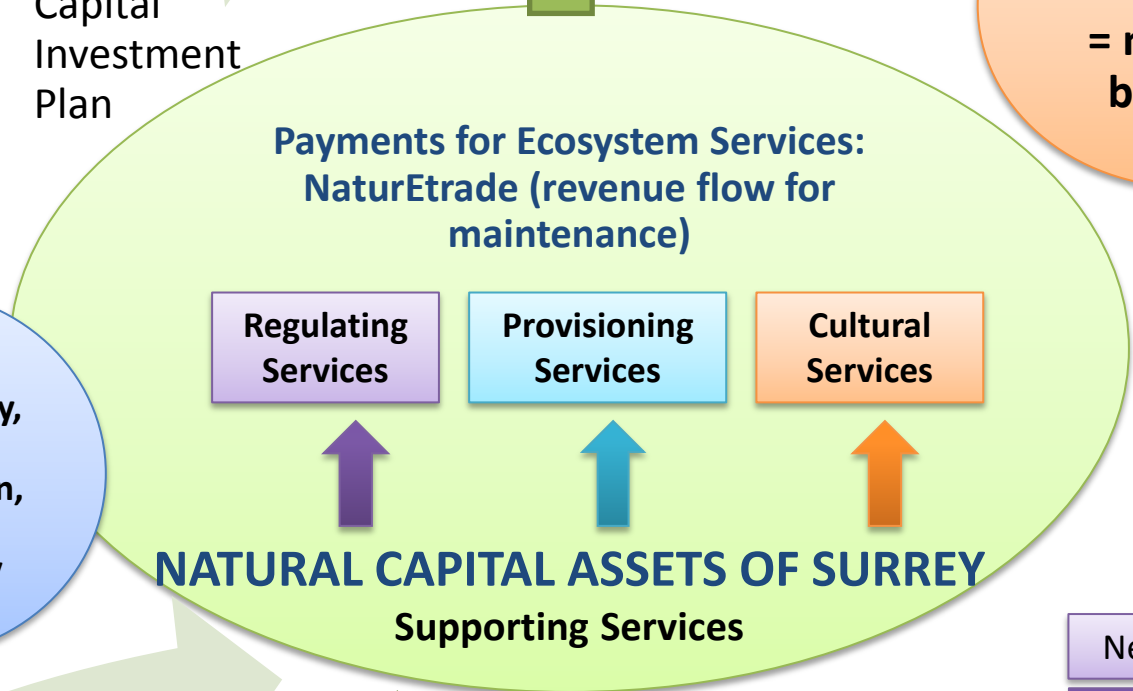
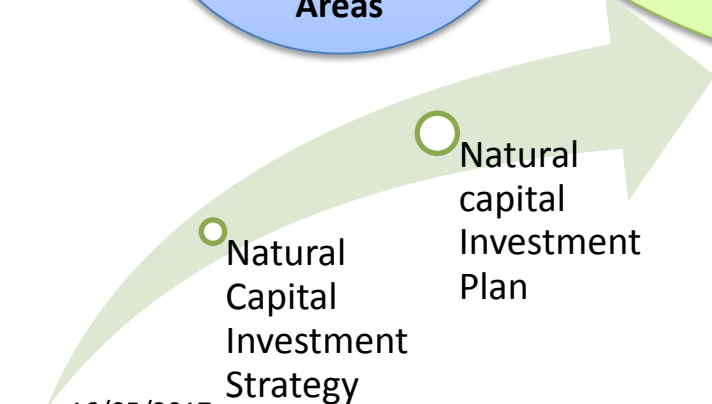
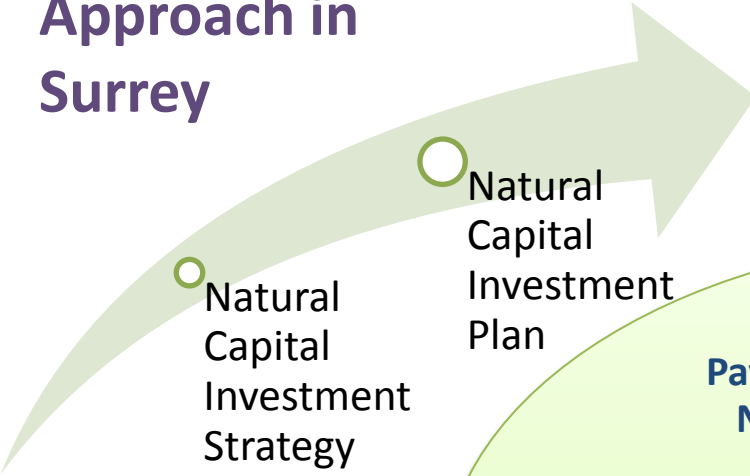
# Natural Capital Approach in Surrey



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In sustainable management of natural capital assets; value, amount, use and Return On Investment

**Multi capital approach = multiple benefits**



**Evidence:**  
Valuing Surrey, Biodiversity Compensation, Biodiversity Opportunity Areas



- Net Positive Impact
- Climate Change Resilience
- Social Cohesion & Attractiveness
- Intrinsic Land Value assured



# What does a Thriveable Surrey include?

## Building Bridges

Dismantling siloes to enable cross sector/disciplinary relationships to prosper.



- Unprecedented knowledge transfer
- Enhanced workplace culture
- Healthier, happier employees

## Multi-Capitals

When other key factors are valued in decision making processes we can enable:

- Environmental prosperity
- Resilient Ecosystems
- People, Planet, Profit approach/mindset
- Purposeful existence



## Inclusive Cultures

Culture comes alive in our actions. Building trust, integrity and openness is essential to the thrival of any organisation.



- Strengthen well-being and happiness
- Improved productivity
- Build open, trusting relationships

## Beyond business as usual



Halting 20<sup>th</sup> century responses to 21<sup>st</sup> century problems by bringing our thinking up to date. Encouraging good /better practice that enables human development, resilient habitats and wise cultures:

- From survival to thrival
- Long-term growth and resilience
- Responding to the three-gap problem through action



## Future Generations

Involving young people in the conversation sooner is something every organisation should be looking to do. As well as gaining insights into what is going to attract them to your organisations, you should also be looking at how well you show the talent pool that you are open for business.

## Sustainable Economic Prosperity

Delivering the most economic sustainably prosperous business location in the UK.

- Investment in Business
- Recruitment and Retention
- Research and Development
- Employment opportunities
- Health and Wellbeing
- Environmental prosperity

# Thriveable Surrey

## 2050



**If you really think the environment is less important than the economy  
try holding your breath while you count your money .....**





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# Thank You



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[www.surreynaturepartnership.org.uk](http://www.surreynaturepartnership.org.uk)

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