

Transformation

Discover, design, deliver

Carbon Reduction Roadmap

Draft for Environment & Transport Overview and
Scrutiny Committee

6th March 2020



Transformation

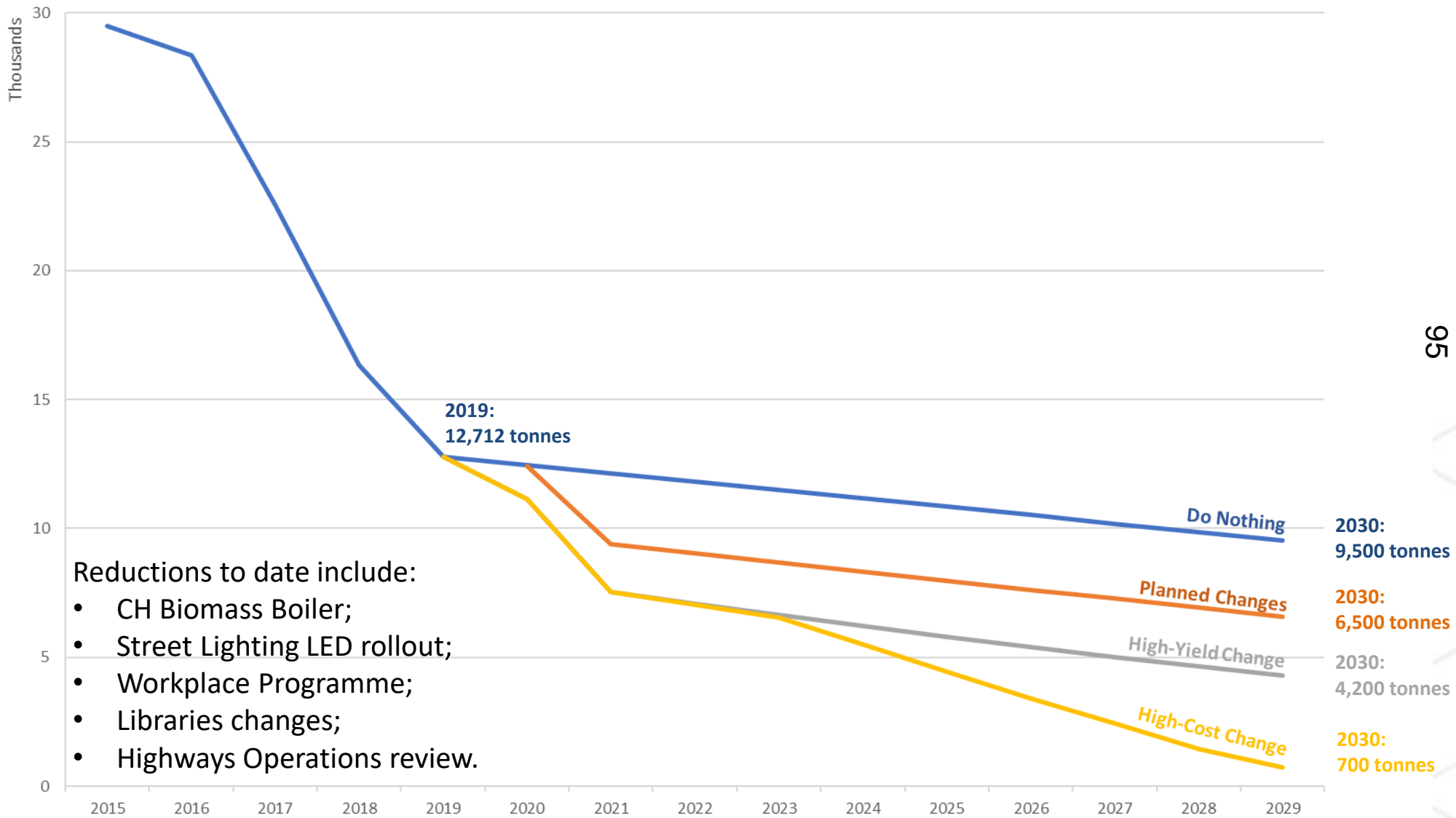
Discover, design, deliver

Carbon Reduction Roadmap Draft Programme Items (for exploration)

Travel	Premises	Infrastructure	Net reductions
<ul style="list-style-type: none"> Improved fleet fuel use and management Partial fleet EV replacement Automation of mileage claims Broadening EV Pool Car offer Broader fleet EV replacement 	<ul style="list-style-type: none"> Buildings LED lighting upgrades Improved equipment Buildings insulation improvement Embankment House Bio-mass/ Ground or Air source heating 	<ul style="list-style-type: none"> Low level streetlighting management Traffic Signals LED upgrades 	<ul style="list-style-type: none"> Impact of national changes Quorn Solar Farm Further solar/wind farms (not included in tonnages below) Formal offsetting (not included in tonnages below)
3,000 tonnes CO2e saved	2,400 tonnes CO2e saved	700 tonnes CO2e saved	5,900 tonnes CO2e saved
Total CO2e saved			12,000 tonnes



GHG Emissions Profile 2015 - 2030



Carbon Reduction Roadmap Draft Programme Items



Do Nothing	Planned Changes	Simple / High Return	Complex / Low Return
<ul style="list-style-type: none"> Impact of national changes 	<ul style="list-style-type: none"> Buildings LED lighting upgrades Improved equipment Quorn Solar Farm 	<ul style="list-style-type: none"> Improved fuel use and management Embankment House Broadening EV Pool Car offer Partial fleet EV replacement Automation of mileage claims Low level streetlighting management Buildings insulation improvement Further solar/wind farms (not included in tonnages below) 	<ul style="list-style-type: none"> Bio-mass/ Ground or Air source heating Traffic Signals LED upgrades Broader fleet EV replacement Formal offsetting (not included in tonnages below)
3,200 tonnes CO2e saved	3,000 tonnes CO2e saved	2,300 tonnes CO2e saved	3,500 tonnes CO2e saved