

# Adapting TfL to Climate Change



# CONTENTS

1. Introduction
2. How we assess risk
3. Challenges we face



# 1. Introduction



# TfL's scale and reach

## Our services at a glance

9,000 buses



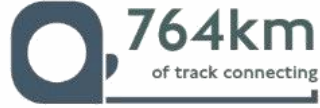
22 Hydrogen buses



>500 electric buses



764km of track connecting



675 bus routes



15 train lines



734 trains active during peak times



457 train stations



We run most of London's public transport services.

9.7million

trips are completed each day via public transport, this accounts for 36 per cent of trips in London.

## Our wider portfolio

5,700 acre estate



we are a large land owner, landlord and commercial developer

1,580 of 10,000 planned homes underway

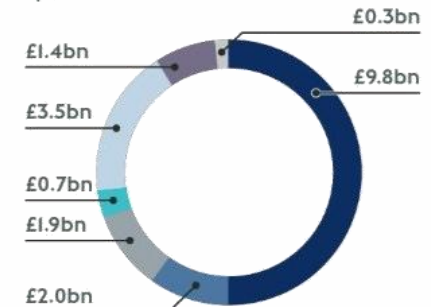


3,000 tenanted properties

## Our finances

We are adapting our organisation to meet the financial challenges we are facing

Spend Data:



Underground, Elizabeth line, Buses, DLR, London Overground, London Trams, London Dial-a-Ride, London River Services, London Taxi and Private Hire, Santander Cycles, Victoria Coach Station and Emirates Air Line

## Our people

We directly and indirectly employ a large number of people:



Around 27,000 directly employed colleagues

>100,000 indirectly employed colleagues

\* Data as at 31 March 2021

Regulator for Taxi and Private Hire:



13,884 London taxis



78,049 Private hire vehicles

Highway authority for the TfL Road Network:



5% of London road network

580km of road



30% of traffic carried on the TfL Road Network

During 2019/20, we spent in excess of

£6.7bn

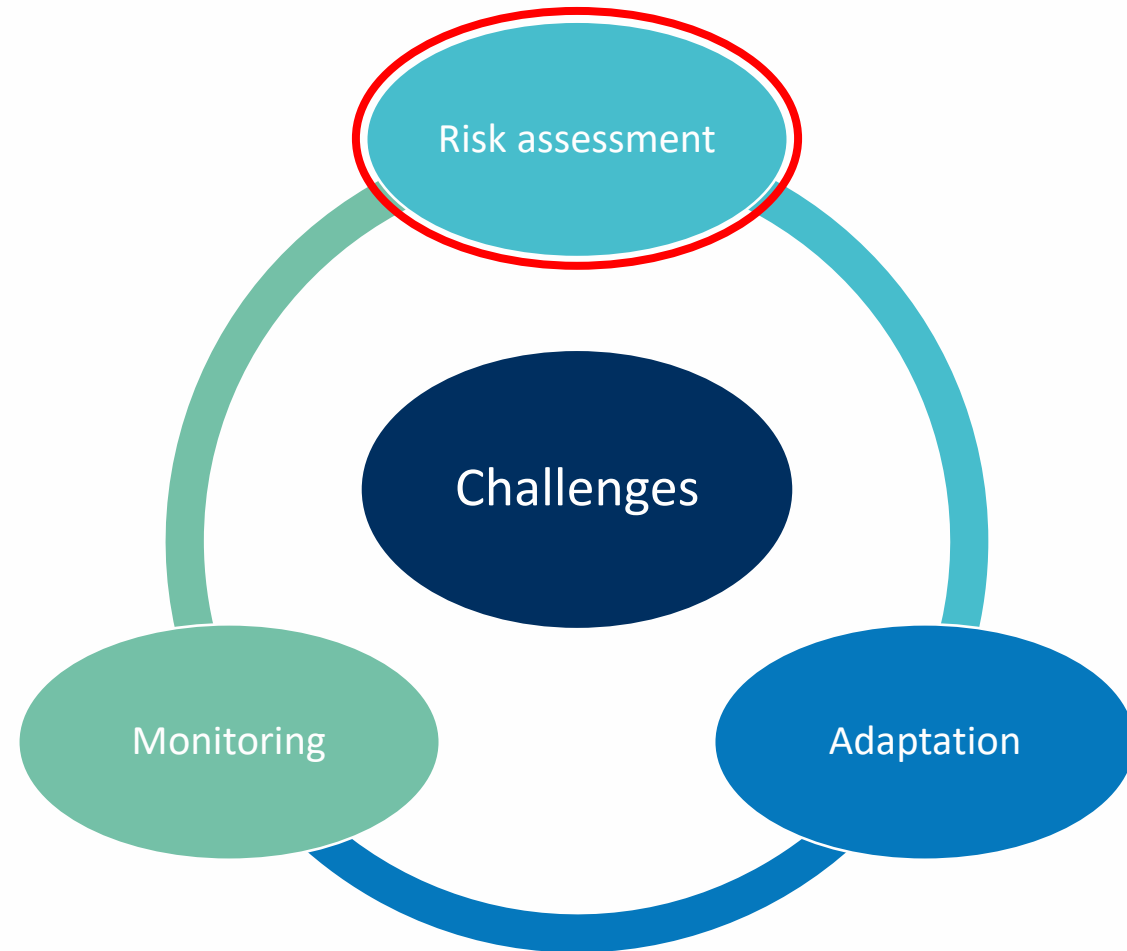
on goods, services and works required to deliver and upgrade services.

Our 65

key suppliers, across the UK, represent around £4.5bn of our spend



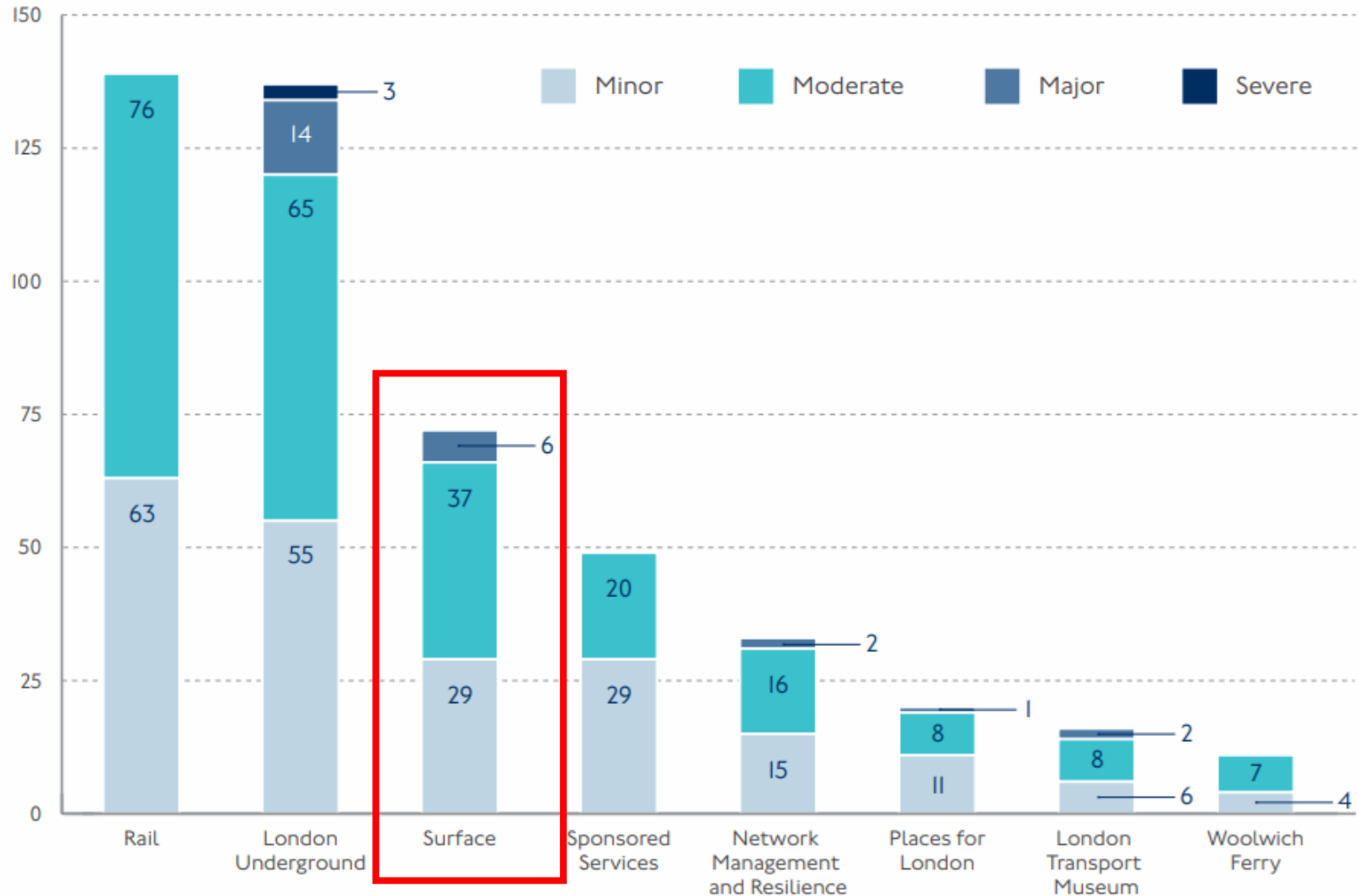
# TfL's adaptation journey



## 2. How we assess risk



# TfL's climate risks – ARP4



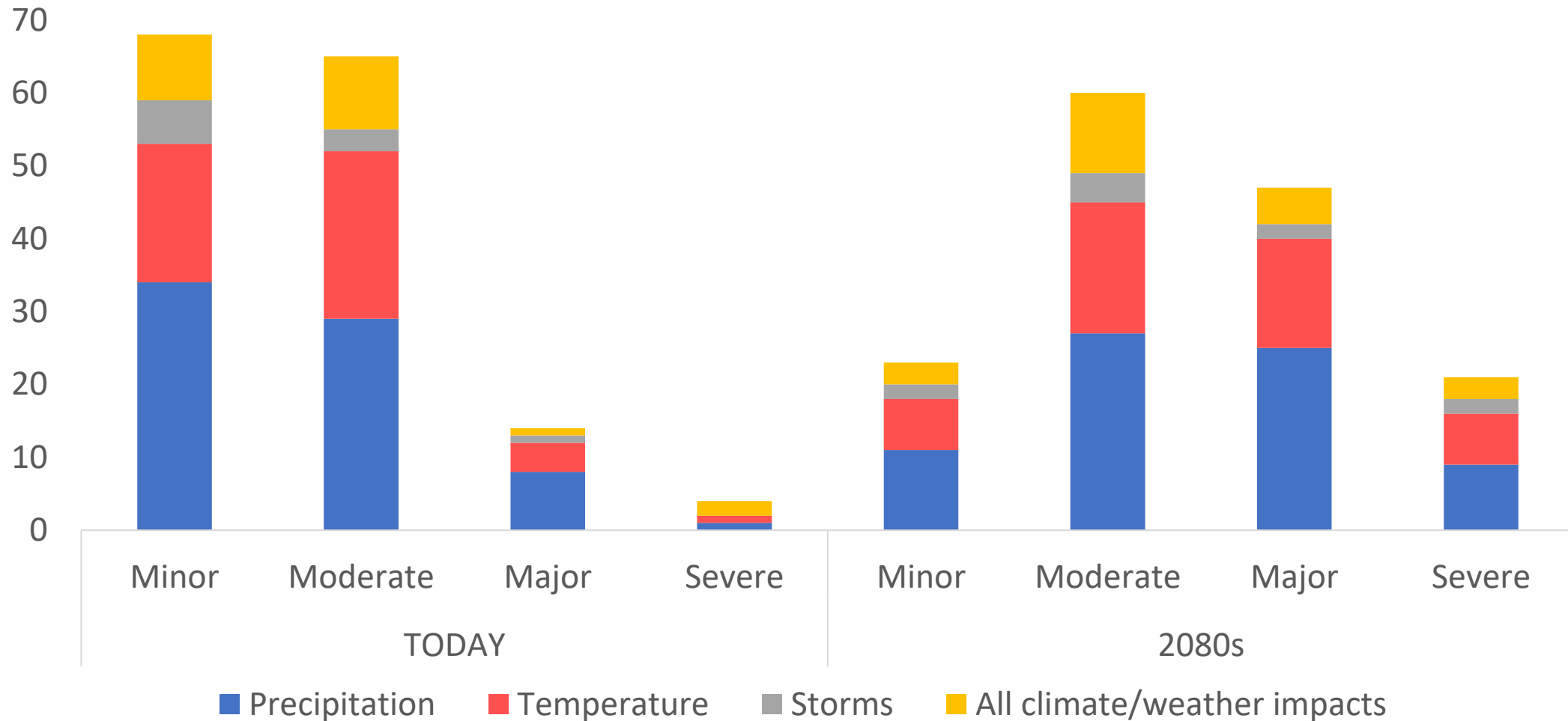
Number of risks rated major or severe

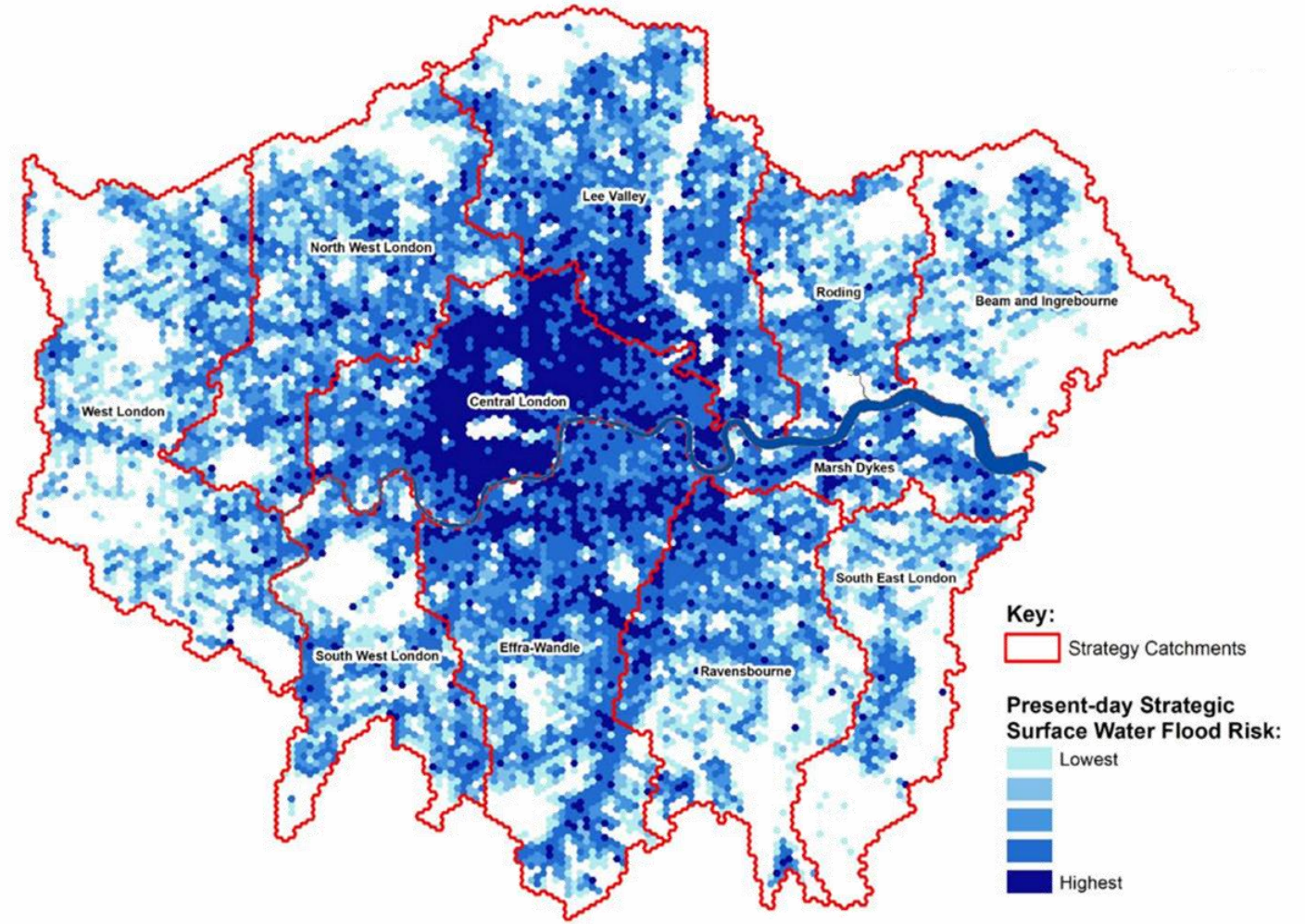
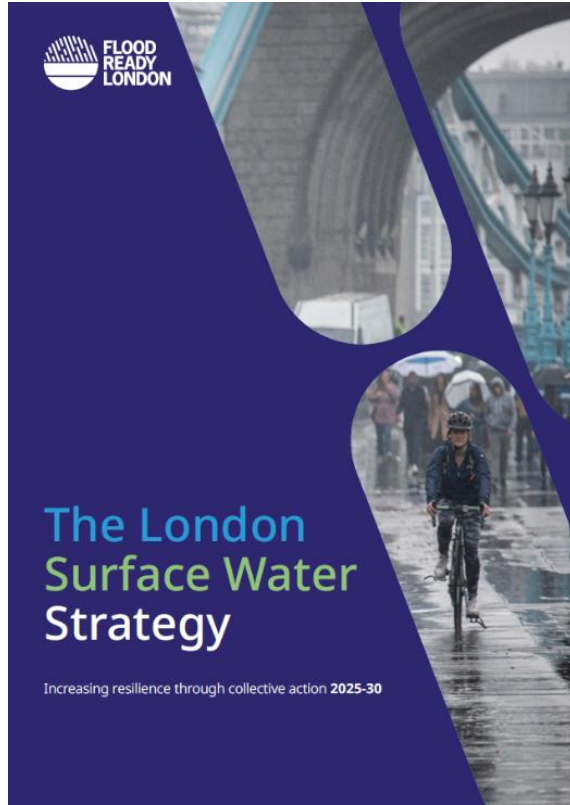
Key climate hazard	Number of risks			Organisational interfaces impacted
	Today	2050s	2080s	
Surface water flooding	5-8	13 plus	13 plus	
High temperatures and heatwaves	0	5-8	13 plus	
High winds and storms	1-4	1-4	5-8	
Fluvial flooding	1-4	5-8	9-12	
Tidal flooding	0	1-4	5-8	
Ground movement	1-4	1-4	5-8	
Landslides	1-4	1-4	1-4	
Drought and wildfires	0	0	1-4	

# Upstream interdependencies



# London's highways climate risk assessment





IN PARTNERSHIP WITH  
**MAYOR OF LONDON**



# Supply chain mapping



## 4. Collaboration challenges we face



# Key challenges



Your chance to ask questions...

Further information: <https://tfl.gov.uk/corporate/about-tfl/adapting-to-climate-change>

Contact: [KatherineDrayson@tfl.gov.uk](mailto:KatherineDrayson@tfl.gov.uk)

