

## Our HS2 Health and Safety Commitments...

### Workforce safety

#### **“We believe everyone has the right to go home unharmed.”**

- We will design the railway to be maintained and operated safely, with our future workforce in mind
- We will design our emergency response process, to avoid putting our staff at risk in responding
- We will deliver an HS2 Ltd Safety Passport Scheme, to make sure everyone is aware of their personal accountability for safety

#### **“We will develop, promote and reward our frontline and operational supervisors based on their safety leadership.”**

- We will provide all supervisors and leaders, including those of our contractors, with HS2 Ltd safety leadership training
- We will integrate safety leadership into our recruitment, selection, objectives and performance appraisal processes

#### **“We will maximise the use of technology and smarter ways of working to minimise the need to commute to our sites and offices.”**

- We will empower our supply chain partners to deliver safely, without hands-on client supervision
- We will operate park and ride hubs for our large sites to reduce staff commuting and traffic volumes/parking within communities

### Public and neighbour health and safety

#### **“We will protect the safety of other road users, as we work within their communities.”**

- We will develop a new, better standard for the design and use of delivery vehicles, tailored to the urban / rural risks associated with each site, and providing best in class worker access
- We will train all our professional drivers to drive safely through communities and understand the impact of their driving
- We will plan our logistics to avoid impacting peak times and those most at risk within the community

#### **“Community safety champions will get to know our neighbours along the route, so that we can understand local risks and be flexible in mitigation.”**

- We will listen to our neighbours’ concerns, and provide timely and clear information
- We will understand at-risk groups and facilities, and provide local arrangements to safe guard their safety
- We will undertake safety projects to raise awareness within the community of construction and railway safety

#### **“We will invest in the local communities within which HS2 works.”**

- We will work with local health services to support them in providing care for those who may be affected by our works
- We will ensure that all legacy assets and access roads are returned to the same or a better condition than before the work
- We will invest in boundary solutions to protect against trespass, vandalism and unintended access

#### **“We will plan our works to protect the health, safety and wellbeing of our lineside neighbours.”**

- We will have a single approach to site access and security across all of our construction worksites
- We will create secure site boundaries to protect against construction materials impacting public

### Occupational health and wellbeing

#### **“We will view health like safety.”**

- We will raise the profile of health, and focus on harm prevention rather than mitigation as a principle
- We will minimise the impact on our future workforce by focusing on health by design now
- We will develop a new, better standard for the provision of healthcare across our supply chain, leaving an industry legacy

#### **“We will support the resilience of our teams to enable them to cope with the ambiguity of a changing and evolving programme.”**

- We will develop the resilience of individuals, so they can be accountable for their own health and wellbeing
- We will measure our organisation’s flexibility against the HSE Stress Management Standards
- We will develop our line managers to have conversations about health with their teams, and recognise when people need help

#### **“We will look to eradicate wherever possible, and then minimise exposure to the top 5 causes of long term health disorders.”**

- Our focus will be on causes of occupational disorders relating to cancers, respiratory disorders, skin reactions, vibration and noise
- We will select materials and handling methods that will minimise workforce exposure both in construction and operation

# Our HS2 Health and Safety Commitments...



**“We will design the infrastructure such that all routine, planned trackside maintenance can be carried out outside of operational hours.”**

- We will maximise the use of self-diagnosing equipment to enable proactive maintenance before something fails
- Wherever possible we will design our assets to ‘fail safe’, so that no human intervention is required during operational hours

**“Once the baseline is agreed, we will manage the impact of evolving design and specification changes, ensuring safety is always our first consideration.”**

- We will ensure that any change can be delivered while maintaining safety integrity

**“Wherever possible we will design through a virtual environment to design out risk/error and reduce design-related site visits.”**

- We will design with constructability in mind, and design for maintenance and replacement post-commissioning
- We will evaluate and incorporate latest detection technologies in the design, to protect passengers and the public from incursions on the railway
- We will integrate, test and commission the railway system, taking learning from HS1 and best international practice

**“We will select our supply chain partners based on their ability to demonstrate shared values and good safety leadership.”**

- We will assess the safety culture of our supply chain partners during selection/procurement and the contract lifecycle
- We will establish a holistic way to assess the health and safety culture of our supply chain, including practical behavioural assessment tools

**“We will be a SMART client that will enable intelligent suppliers to deliver safely.”**

- We will set achievable outcomes for health, safety and wellbeing and assure that our contractors are achieving these standards
- We will develop stretching standards for our supply chain, taking learning from exemplar projects, and make sure these are clearly communicated

**“We will hold our supply chain to account for safe delivery.”**

- We will apply the principles of fair culture to any safety breaches

**“We will design our railway and future train service so they can be operated safely.”**

- We will design HS2 to deliver levels of passenger safety performance that is in line with best current international practice and meets or better the performance of HS1
- We will specify requirements for our future train fleet that explicitly maximise passenger safety
- We will design the station and the platform interface to enable passengers to use it safely, and protect against suicides

**“We will always protect any line that a track-worker is required to access, ‘on or near the line’ during operational hours.”**

- We will only rely on signal warning systems for maintenance works outside of operational hours
- We will always provide a suitable method/ distance of separation between a worker and any open line

**“We will provide a safe means to access all areas trackside, for the future operations and maintenance workforce.”**

- We will install a safe walkway along the railway, and no-one will have to walk more than 5km to access any part of the railway
- We will provide suitable facilities at access points, including sufficient secure, off road parking

**“We will develop a learning culture, where people feel motivated to report, and where the business takes actions to embed learning.”**

- We will share learning across the supply chain to drive best practice
- We will learn from previous and external events, and apply learning to the design, build and operation of the HS2 railway

**“We will undertake risk based assurance, and look ‘beyond the greens’ to proactively identify potential issues.”**