

HS2

A Baseline to Drive Our Vision

Gordon Alexander, Director PMO ,HS2 Ltd

Patricia Manton-Hall, Director Phase 2 Project Controls, HS2 Ltd

13-14 November 2018

HS2

Our Vision at Hs2

Gordon Alexander, Director PMO ,HS2 Ltd

13-14 November 2018

Building HS2

Curzon Street Station site, Birmingham

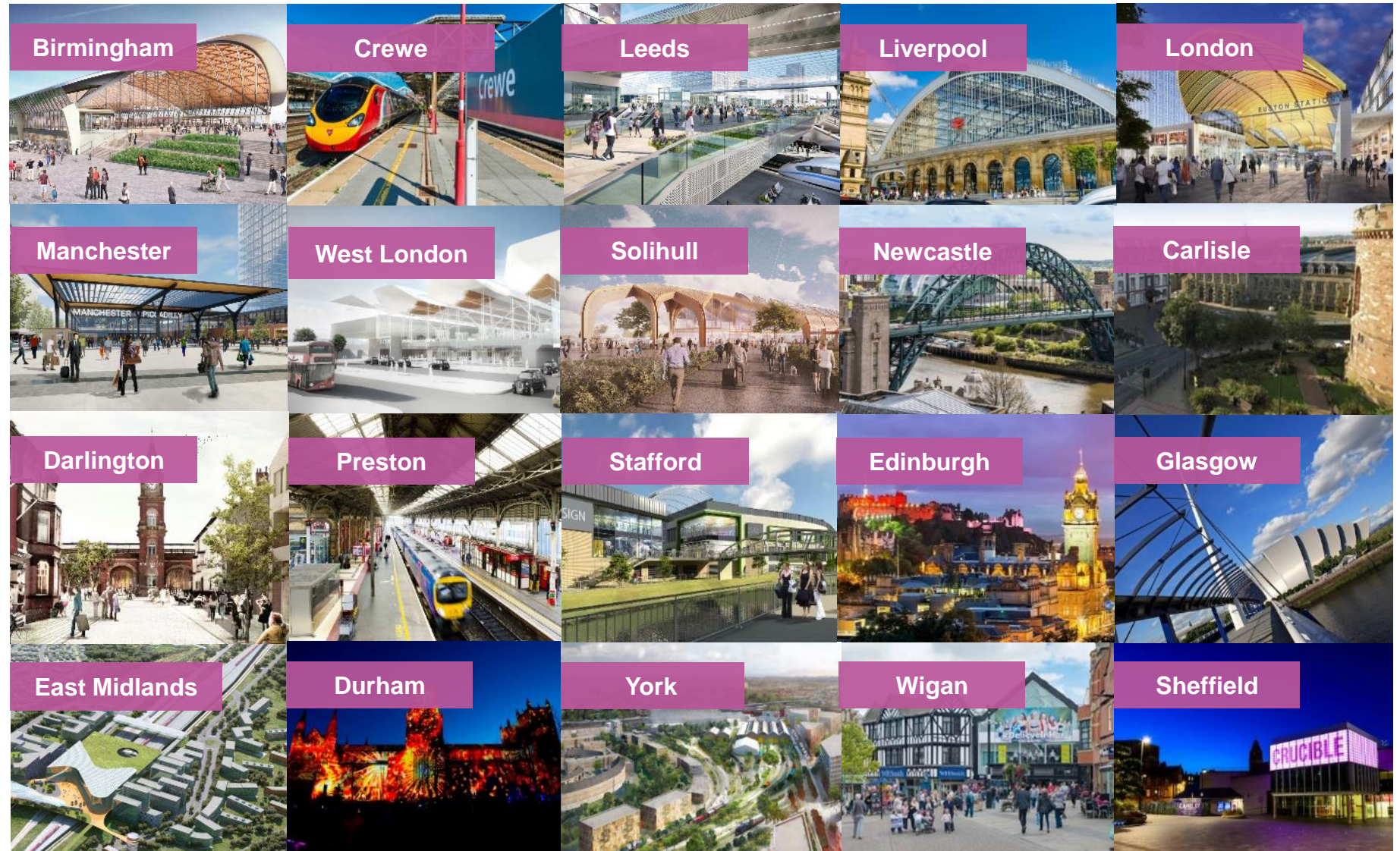


HS2 vision:

To be a catalyst for growth across Britain



**HS2 will
serve over
25 stations
and half the
British
population**



HS2 strategic goals



Catalyst for
growth



Capacity &
connectivity



Value for money



Customer
experience



Skills and
employment



Health, safety &
security standards



Sustainable &
a good neighbour

Building HS2

Design and Services



Railway Systems



Surface Route



Stations



Tunnels



Rolling Stock



HS2: Getting the best out of Britain

“It is essential that our country continues to invest in infrastructure projects like HS2”

Theresa May,
UK Prime Minister

“HS2’s arrival is a catalyst for regeneration. It has the potential to add £1.4 billion to the local economy”

Andy Street,
Mayor of the West Midlands
Combined Authority

“HS2 offers transformational opportunities for the local, regional and national economy”

Judith Blake,
Leader of Leeds City Council

HS2

Baseline Development

Patricia Manton-Hall, Director Phase 2 Project Controls, HS2 Ltd

13-14 November 2018

HS2: Phase 2



- ○ ○ Destinations served by HS2
- HS2 line (Phase One – Completed 2026)
- HS2 line (Phase 2a – Completed 2027)
- HS2 line (Phase 2b – Completed 2033)
- HS2 services on existing network

Based on current indicative train service specification.
Final HS2 timetable subject to consultation.



HS2: Baseline Principles

ROBUST

INTEGRATED

SCOPE

SCHEDULE

COST PLANS

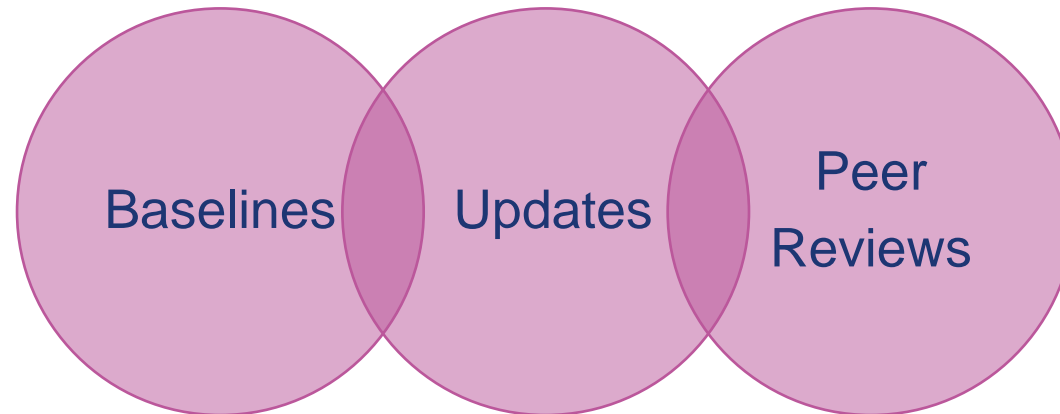
RISK

**HS2 Vision
by our
People**

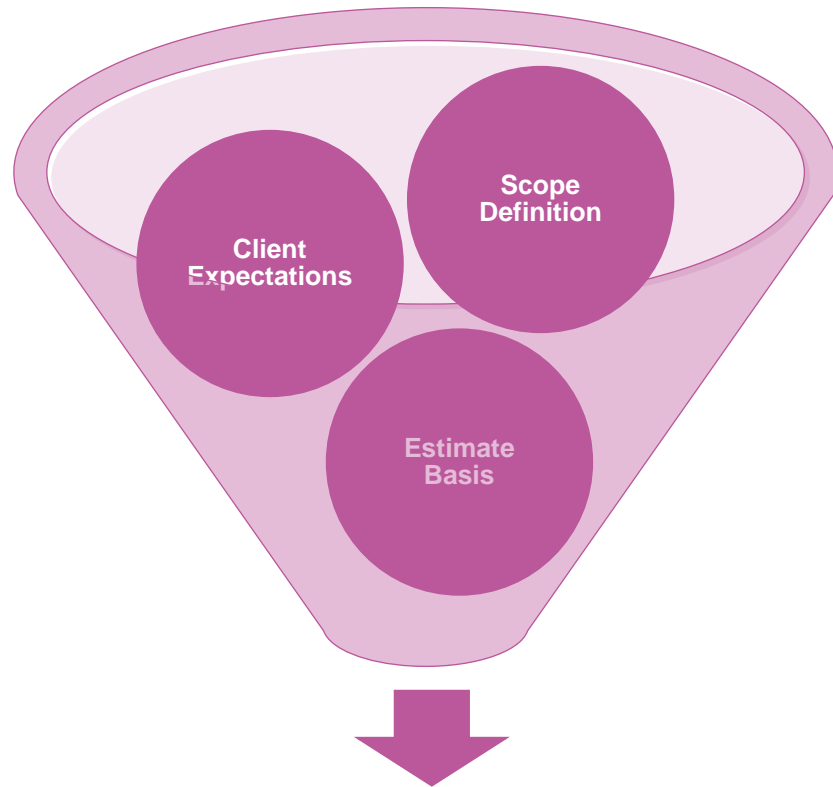
HS2: Baseline Environment

2012

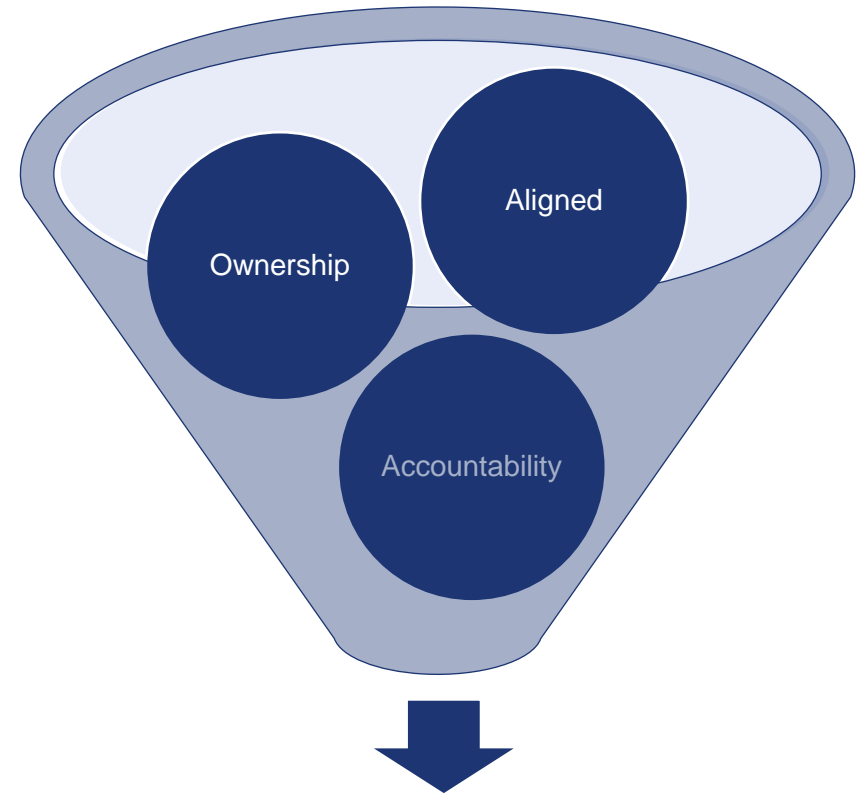
To date



HS2: Baseline Value



Confidence Delivery



Confidence Teams

Hs2: Baseline Components / Elements

REMIT , TOR, STRATEGY

BL Report, Scope Book, Project Execution Plan (PEP)

Benefits

Cost

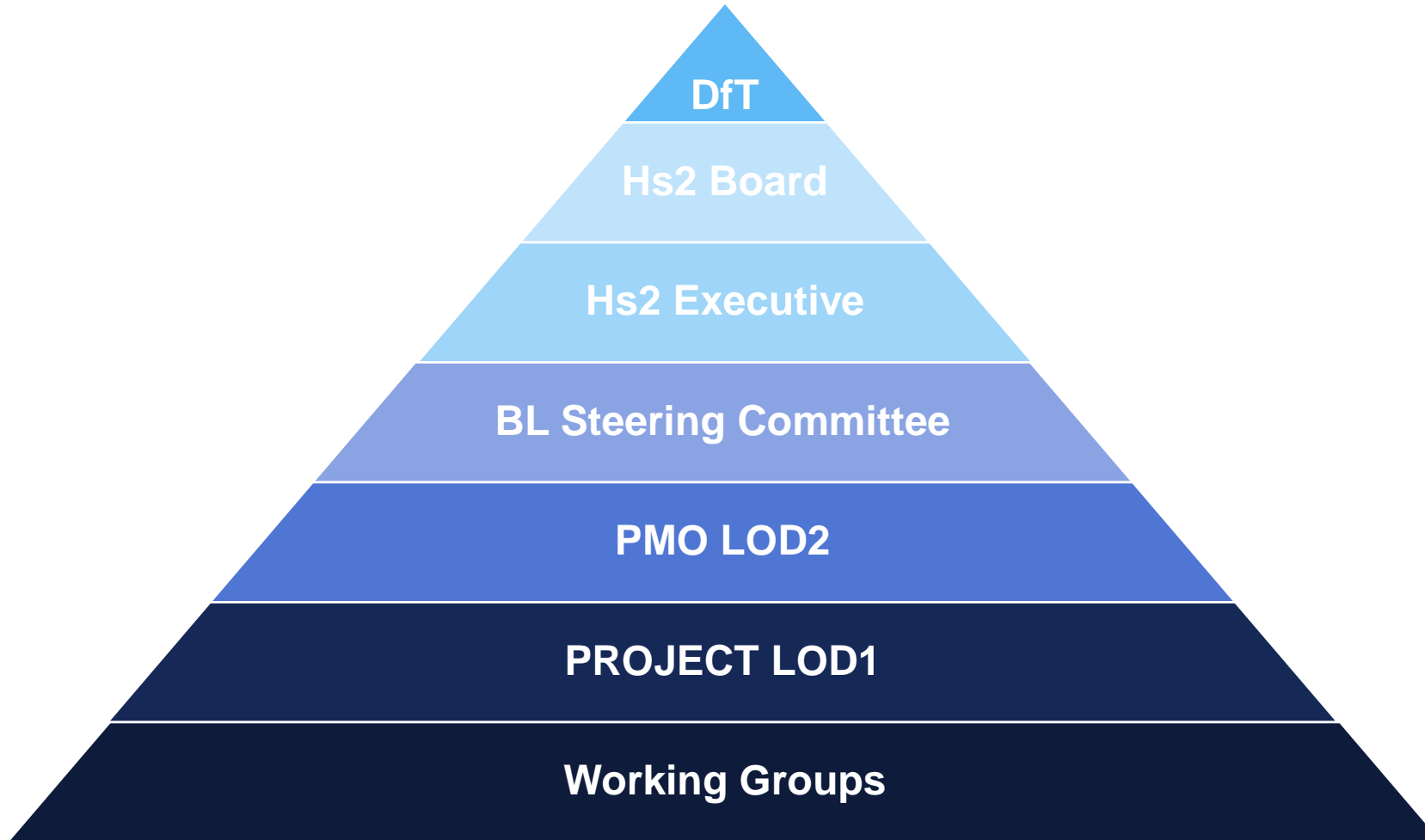
Schedule

Risk &
Opportunities

Assumptions
& Exclusions

Assurance

HS2: Baseline Governance



HS2: Lessons Learned

Teams & Relationships

- Define Roles and Accountability clearly
- Be Transparent often
- Define Steering Group TOR
- Communicate,

Planning

- What Does Good Look Like'
- Governance bring the team along for the Journey
- Focus on the Strategic Needs - use the PEP
- Understand Drivers, Risks and their associated consequences

Scope & Schedule

- Time to challenge Vendors on Schedules
- Integration of schedule across functions/phases
- Scope Change - don't underestimate cycle time

Cost

- Pricing Consistency
- Over Design Costs
- Definition of Benchmarking

Resources & Time

- Don't Underestimate time for Assurance & Governance
- Additional Resources to Mangle the BL while Delivering
- Follow Values of Hs2 during development
- Allow enough time to develop Baseline

Process & Procedure

- More clarity needed on purpose and timing of input into different organisation's governance papers
- Watch Integration between Functions
- Process led approach over practical issues approach

HS2 strategic goals & vision



Catalyst for growth



Capacity & connectivity



Value for money



Customer experience



Skills and employment



Health, safety & security standards



Sustainable & a good neighbour