



EWR Alliance

Connecting People

EWR2 Update

Buckinghamshire Council

TECC Select Committee

Mark Cuzner, Alliance Director



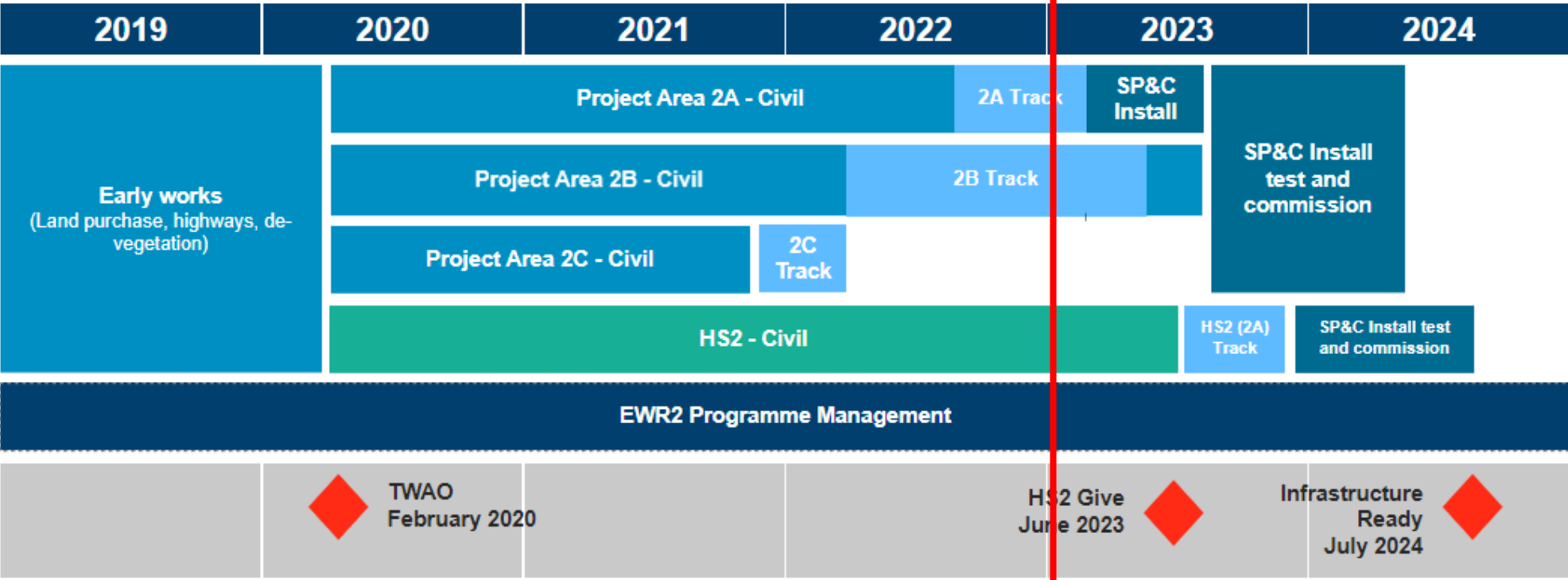
2022 Achievements



- Earthworks & drainage complete
- 50% Track laying complete
- 10 new footbridges installed
- 5 new roads/bridges completed
- 2 of 10 compounds reinstated
- Winslow & Bletchley Stations underway

- Permanent road repairs commenced
- Ecological compensation sites maturing
- 5 Awards for Environment & Sustainability
- National Rail Awards – 2 Highly Commended
- Institute of Collaborative Working Award

EWR2 Project Programme Summary – Jan'22



Entry into Service Activities




Track Construction Sequence



Key:

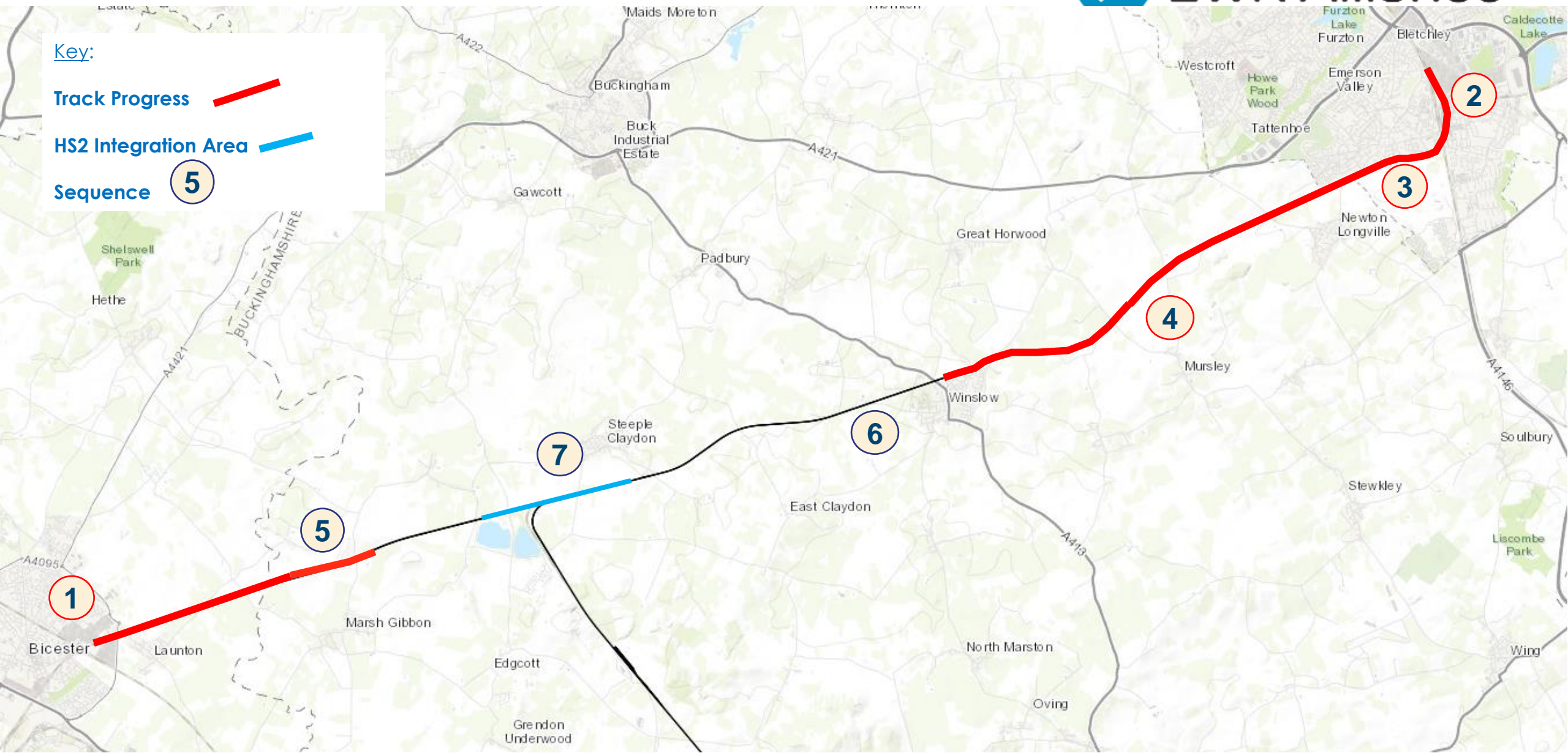
Track Progress



HS2 Integration Area



Sequence



Track Laying Progress



Rail Train



Winslow

- Total 66km track
- 53% complete



Swanborne



Installation Train (NTC)



Cable Troughing

Stations Progress



Bletchley Station



Winslow Station

Footbridges (scheme wide)



OXD13A



OXD19



OXD32A

7 out of 10 new footbridges now open to the public

Buckinghamshire:

- OXD33A Marsh Gibbon – Opening 2023
- OXD32A Poundon No.2 – Opening 2023
- OXD29A Twyford No.2 – Opened
- OXD26A Middle Claydon No.8 – Opened
- OXD25A Middle Claydon No.4 & 6 - 2023
- OXD19 Winslow No.6 – Opened
- OXD13A Moco Farm No.2 – Opened
- OXD12A Swans Way - Opened

Oxfordshire:

- OXD36A Jarvis Lane – Opened
- OXD35A Grange Farm – Opened

New Bridges (scheme wide)

Salden Wood – impact minimised

Chainage

84948

12-09-2022

5 out of 5 new bridges completed and open to traffic

Buckinghamshire:

- Queen Catherine Rd – Steeple Claydon
- Salden Lane - Mursley
- Verney Junction

Oxfordshire:

- Charbridge Lane – Bicester
- Station Road – Launton

Project Challenges & Mitigation

Challenge	Mitigation
Required road closures and traffic management	Coordination of disruptive traffic management with the Council, HS2 and others to minimise impact on residents.
Construction traffic on rural road network	Past: Passing bays and advance repairs completed. Current: Deploying traffic ambassadors for monitoring Current/future: Planned programme of road repairs in 2023
Mud and dust impacts	Innovative track ballast dust suppression system installed. Wheel & jet washers deployed and some community car washing.
Keeping the local community informed	Quarterly Newsletters. Disruptive works notified. Community drop-in events held in Newton Longville, Winslow, Steeple Claydon and Launton in 2022.
Ecological Impact	Increased retained vegetation route wide and rurally sympathetic landscaping of 150,000 trees and plants. Delivering 10% Biodiversity net gain
Noise	Installation of permanent acoustic barriers early in our programme.
Legacy	Project completed 41 community engagements in Buckinghamshire including 16 school events

- *Planned* temporary repairs:
 - Some repairs completed on Ox Lane, Verney Road and Sandhill Road late 2022
 - Further planned temporary repairs identified and to be agreed with BC: Focus on Verney Road & Herds Hill.
- Final permanent repairs:
 - Forward repair programme following compound demobilisation being agreed with BC
 - Planed to complete by the end of 2023
 - Repairs completed on Queen Catherine Road and Whaddon Road



Traffic Management & HS2 2023

- Road closures and traffic lights required to complete final works, utilities, demobilisations, reinstatements & road repairs.
- Q1 Works (blue) fully planned. Aim to work through the detail of future (grey) road closures by quarter with BC in early 2023.
- Road Closures unless stated





- 18 of 20 ECS Sites complete (100 Hectares). 30-year monitoring ongoing.
- Over 150,000 trees and plants
- Bats: 27% occupancy in bat roosts, up from 17% in 2021. 680 surveys in 2022. Reduced collision risk since 2018.
- Barn Owls: 12 boxes installed 2020, 6 now with young. 25 more installed in 2022
- Otter: Evidence of activity in 2 ECS sites
- Reptiles and GCN: Ongoing monitoring
- 10% Net Gain projects still in development. Planned sites within NR land, within Buckinghamshire and Oxfordshire.

Retained Vegetation



Salden Cutting

Climate Resilience

- 8 Compensatory Flood Storage Areas created (CFSA)
- Climate change allowances of 40% for rainfall increase and 65-70% for river flow increase on 1:100 year event
- All railway drainage has been renewed throughout the route and is sized to maintain existing outfall rates.
- Electrical equipment located outside flood zones and specified to operate at higher temperatures



Social Value & Volunteering

Post Apr 2019

225 Engagements

663 Volunteers

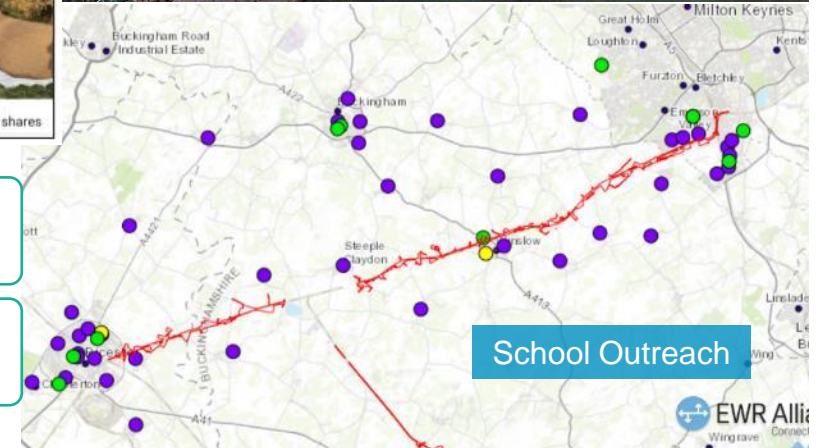
Volunteer hours 2,620.3

Engagement hours 692

Volunteer cost £40,911.16

Donations £21,549.71

SROI £2,384,266.2



33 Apprenticeships Commenced

26% SME spend on project



Selected Future Physical Works



- *Selected* summary of future physical works & RAG impact on the community:

Item	Current Completion	Forecast Date	HGVs	TM Required	RAG Impact
Track Installation	53%	Sep'23	Minimal	No	Yellow
Utilities (Connections & Disconnections)	43%	Jul'24	Moderate	Yes	Yellow
Footpaths Completion	12 of 26	Aug'23	Minimal	Yes	Green
Fencing & Landscaping	Ongoing	Oct'23	Moderate	Yes	Yellow
Bridges with Highway interfaces	18 of 20	Jun'23	Minimal	Yes	Yellow
Winslow Station	Commenced	Jul'23	Moderate	Yes	Yellow
Winslow Station Car Park	Not started	Mar'24	Moderate	No	Yellow
Ancillary Civils for Signalling	c.80%	May'23	Minimal	No	Yellow
Compound & Temporary Land Reinstatement	2 of 10	Jul'24	High	No	Red
Reinstatement of haul roads (15) & accesses	11 of 15	Jul'23	Moderate	Yes	Yellow
Permanent Highway Repairs & Reinstatements	2.5 of 34km	Dec'23	High	Yes	Red

Any Questions?



Little Horwood / Winslow Ecological Compensation Site (ECS)