

SGN: Meet the Buyer

Breakout Sessions

REPEX and Ancillary Services



SGN
Your gas. Our network.

Construction/Repex in Southern and Scotland

Glenn Norman, *Southern Director of Operations*

Jim Small, *Scotland Head of Operations*

Gavin Brown, *Regional Manager (South Construction)*

Scot Dougall, *Engineering Manager*

Allan Carter, *Lead Contracts Manager (Southern Repex)*



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Your gas. Our network.

What is Repex?

- **Glenn Norman** – Southern Director of Operations
- **Jim Small** – Scotland Head of Operations
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- **Scot Dougall** – Engineering Manager
- **Allan Carter** – Lead Contracts Manager (Southern Repex)

Gas Mains Replacement (“Repex”)

The UK’s Gas Mains Replacement Programme is a large-scale initiative aimed at replacing the ageing iron gas mains with modern, safer polyethylene (plastic) pipes. This programme, which began around 2002, is a 30-year project that involves replacing over 100,000 kilometres of iron gas mains across the country, primarily in urban areas where the risk of gas leaks is higher.

The programme was initiated following safety recommendations by the Health and Safety Executive (HSE), which highlighted the need to mitigate the risk of gas leaks and potential explosions due to the deterioration of old iron mains. The iron pipes, some of which date back to the Victorian era, are being replaced with more durable polyethylene pipes, which have a much longer lifespan and are less prone to corrosion and failure.

Overall, the 30-year gas main replacement programme is a critical infrastructure project that aims to modernise the UK's gas distribution network, ensuring it remains safe and reliable for the future.



Benefits of Repex

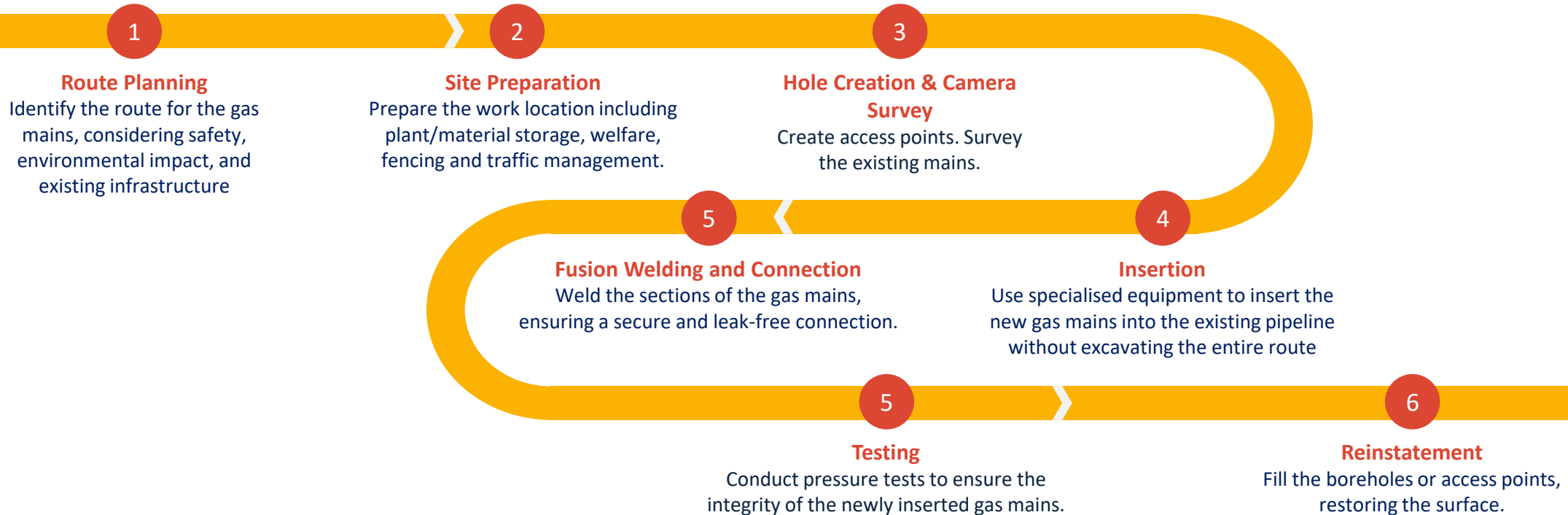
Known formally as the Iron Mains Risk Reduction Programme (IMRRP), Repex is a HSE mandated initiative which looks to improve the safety, reliability, and sustainability of the UK's gas distribution network over a period of 30 years.

- **Improve Safety:** Repex involves replacing old and potentially unsafe (metallic) gas mains with modern, safer infrastructure (polyethylene), reducing the risk of accidents and leaks.
- **Create More Reliable Gas Supply:** The replacement of old gas mains and infrastructure with new, modern equipment increases the reliability of the gas supply, reducing the likelihood of interruptions and downtime.
- **Create Cost Savings:** Although Repex is a significant investment, replacing old gas mains and infrastructure can save money in the long term by reducing maintenance costs and improving the efficiency of the gas distribution network.
- **Reduce Carbon Footprint:** Repex uses more sustainable and environmentally-friendly materials and methods for gas mains replacement. In addition, readying distribution networks for hydrogen and other low-carbon alternatives is key to meeting the UK's net zero emissions targets.



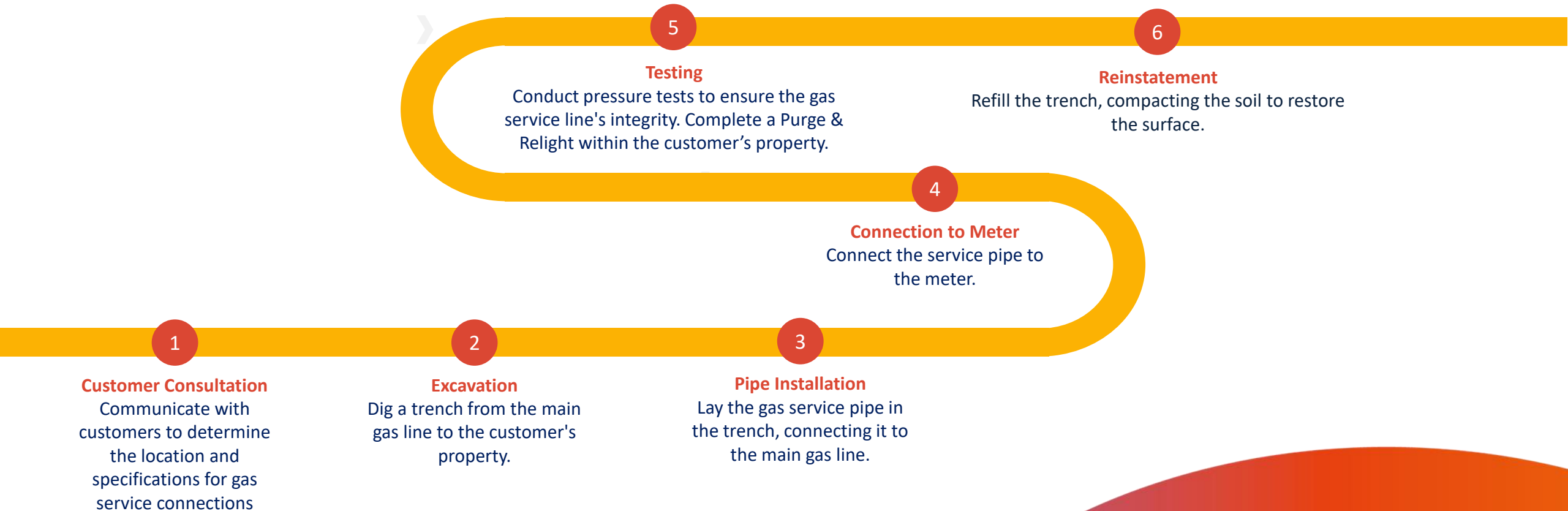
What work is involved?

Example: Mains Replacement (Insertion)



What work is involved?

Example: Service Laying



Scotland Operations Regions

Central

Fullarton House
1 Fullarton Drive
Cambuslang
Glasgow G32 8FD

Regional Manager
Kevin MacDonald

East

Axis House
5 Lonehead Drive
Newbridge
Edinburgh EH28
8TG

Regional Manager
Derek McFadzen

North

Archibald Suite
20 Baird Avenue
Dryburgh Industrial Estate
Dundee DD2 3TN

Regional Manager
Iain Stuart

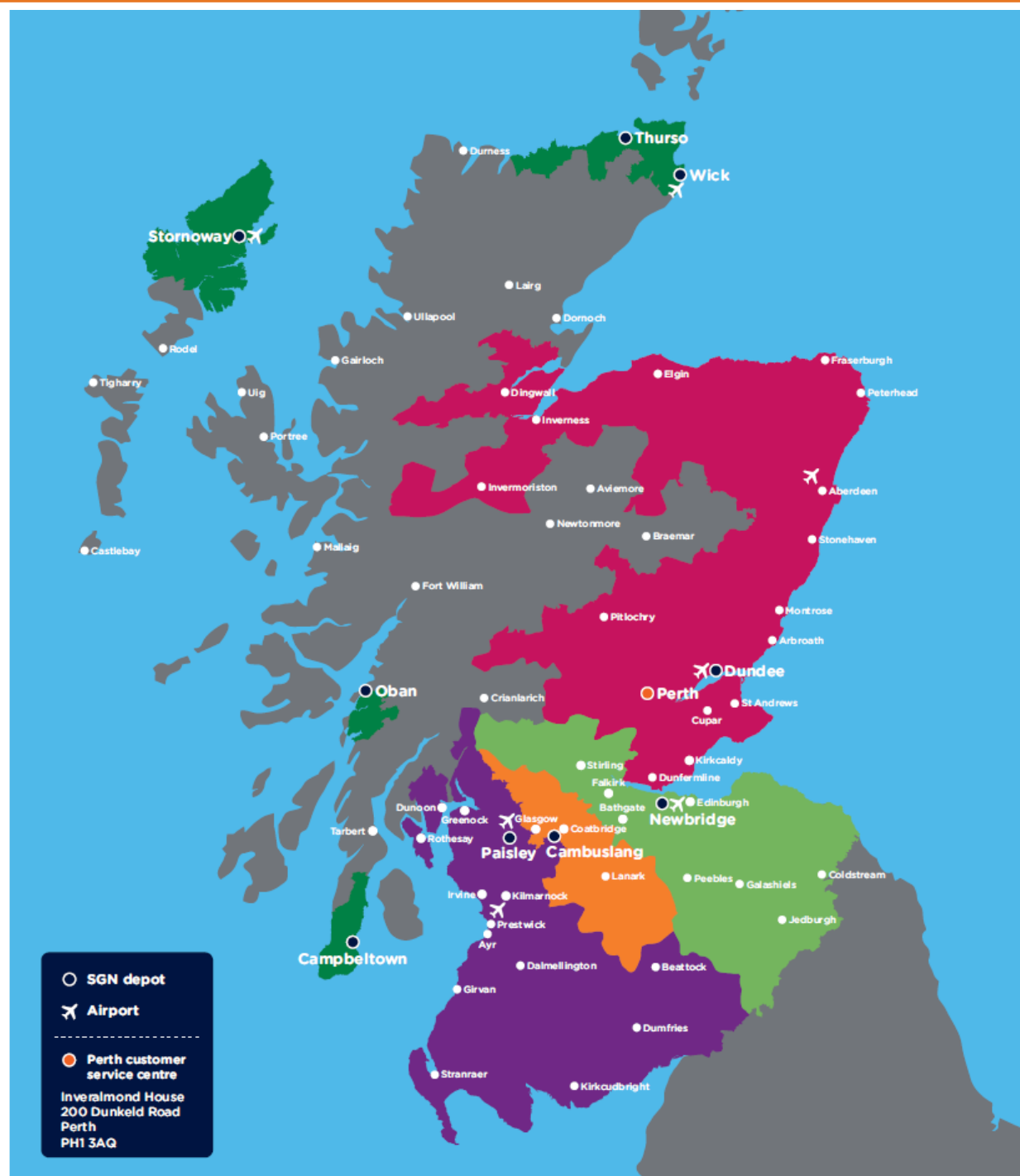
West

26 East Avenue
Linwood
Paisley PA1 2FD

Regional Manager
Andy Hepburn

Remote networks

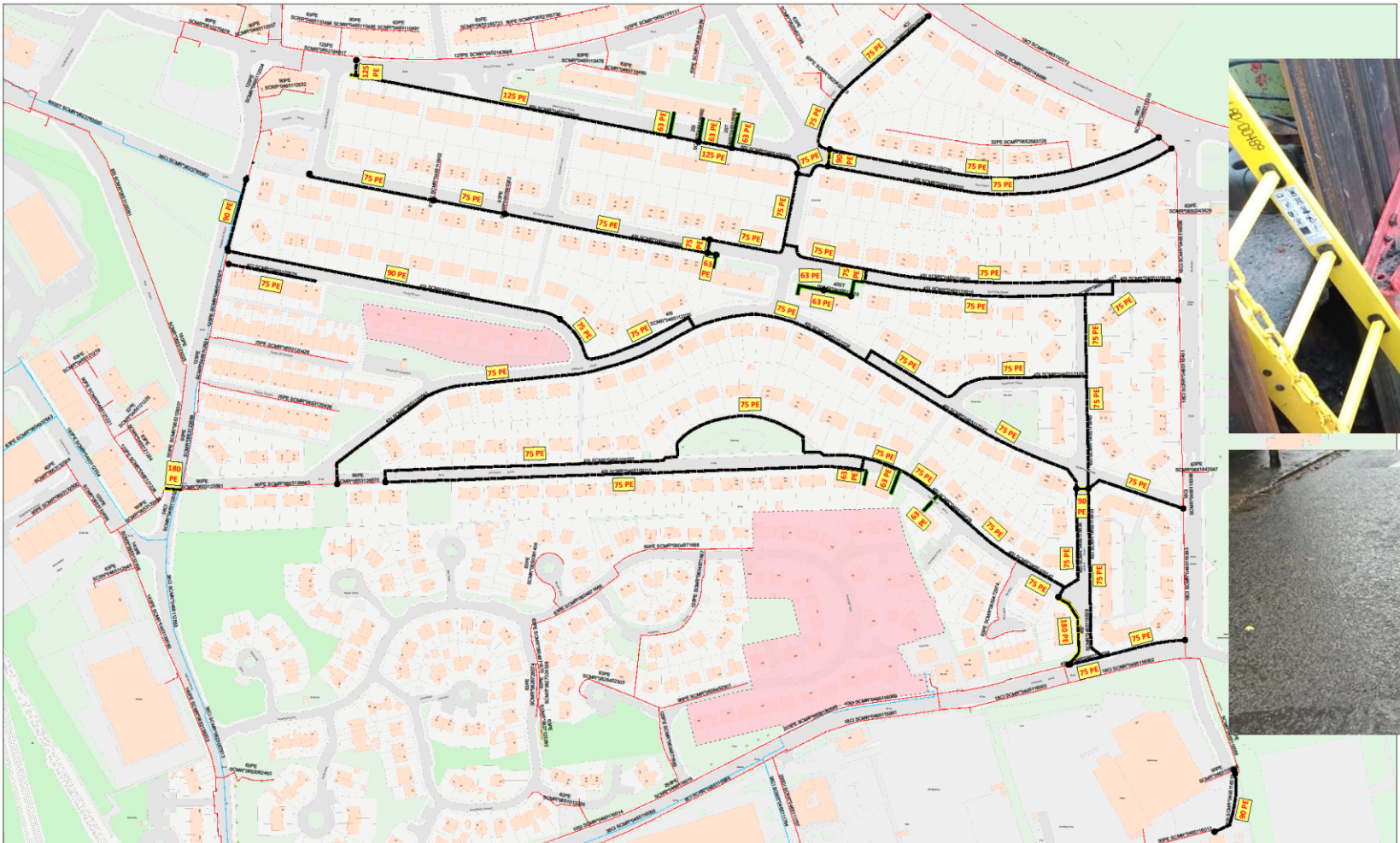
Regional Manager
Finlay Macdonald



Example Projects

- **Glenn Norman** – Southern Director of Operations
- **Jim Small** – Scotland Head of Operations
- **Gavin Brown** – Regional Manager (South Construction)
- **Scot Dougall** – Engineering Manager
- **Allan Carter** – Lead Contracts Manager (Southern Repex)

Example Projects - Scotland



PROJECT NUMBER: SCN14776
 ADDRESS: Avonspark Street, Glasgow
 ANALYST: Hamish Davidson
 DATE: 21/12/2023
 COORDINATES: E:261,445 N:667,499
 SCALE: 1:1,250

- KEY**
- NODES
 - PROPOSED DESIGN
 - - - - ABANDONMENT ONLY
 - REINFORCEMENT PIPE
 - REPLACEMENT UPSIZE PIPE
 - GT SITE
- Distribution Mains**
- Intermediate Pressure
 - Low Pressure
 - Medium Pressure

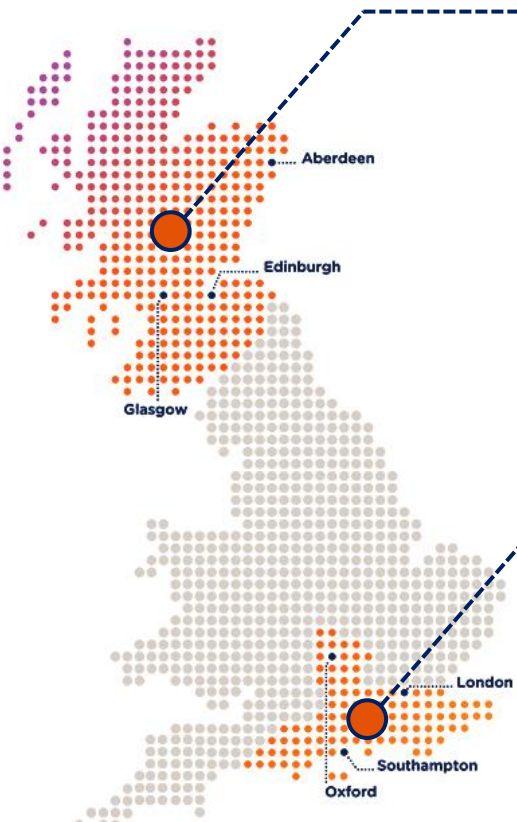
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SGN's Repex Objective

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SGN's Repex Objective (GD3)



SGN Scotland

	Year 1 - KM	Year 2 - KM	Year 3 - KM	Year 4 - KM	Year 5 - KM	Total - KM
Tier 1	215	215	215	215	215	1075
Tier 2	7.5	7.5	7.5	7.5	7.5	37.5
Tier 3	2.5	2.5	2.5	2.5	2.5	12.5
>2" Steel	11	11	11	11	11	55
<2" Steel	19	19	19	19	19	95
Total - KM	255	255	255	255	255	1275

SGN Southern

	Year 1 - KM	Year 2 - KM	Year 3 - KM	Year 4 - KM	Year 5 - KM	Total - KM
Tier 1	640	640	640	640	640	3200
Tier 2	14.2	14.5	14.8	15.1	15.4	74
Tier 3	7.6	7.8	8	8.2	8.4	40
>2" Steel	18	18	18	18	18	90
<2" Steel	22	22	22	22	22	110
Total - KM	701.8	702.3	702.8	703.3	703.8	3514



GD3 Overview

- **Glenn Norman** – Southern Director of Operations
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- **Scot Dougall** – Engineering Manager
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What we need to achieve this...



Repex Framework
Contractors
&
Resource Providers



Riser Contractors



Reinstatement
Contractors



Traffic Management
Contractors

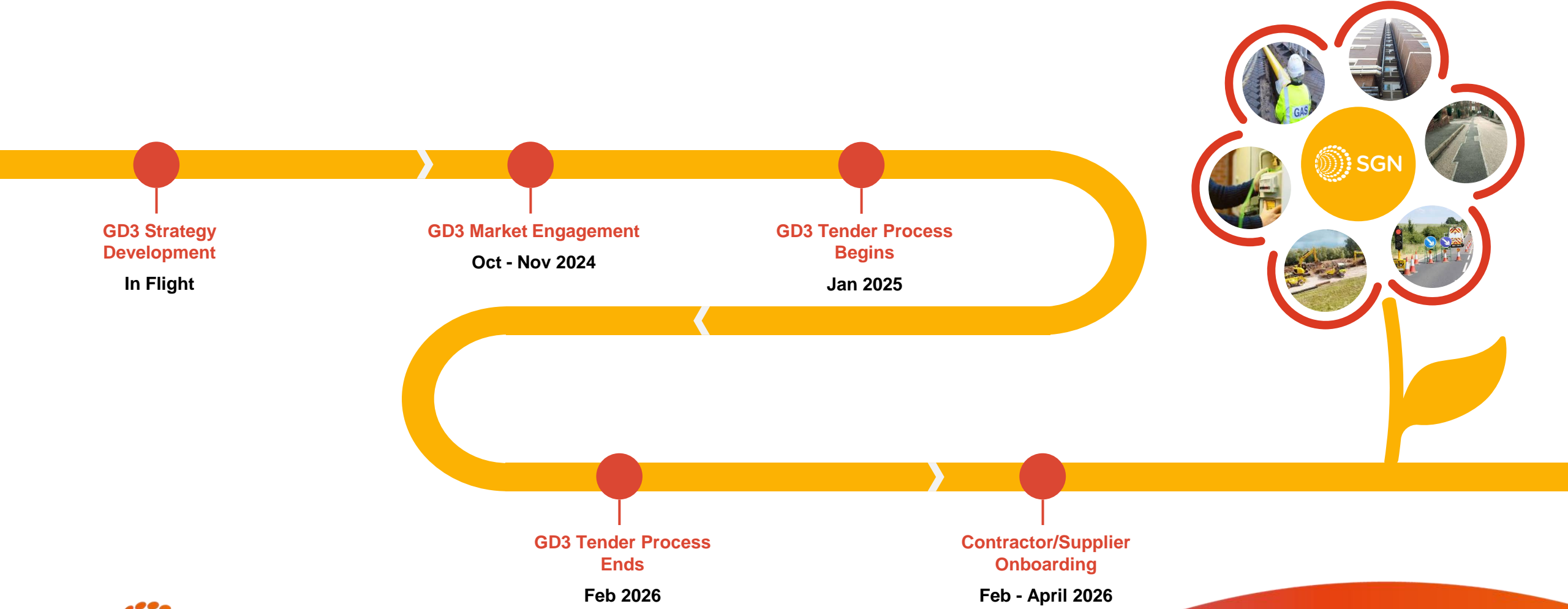


Plant & Machinery



Meter Workers

Partnering for a successful GD3



Q&A

Submit your questions
through the Q&A channel



Useful links



SGN new and existing suppliers

All you need to know about being or becoming a SGN supplier

<https://www.sgn.co.uk/help-and-advice/potential-and-existing-suppliers>



Supplier interest registration

Reference **SGN MTB** in the further information box

<https://my.achilles.com/join-community?communitycode=ANT&lang=en-GB&buyerid=00072927>



Supply chain school registration

Access free sustainability training

https://learn.supplychainschool.co.uk/auth/scss/register_form.php



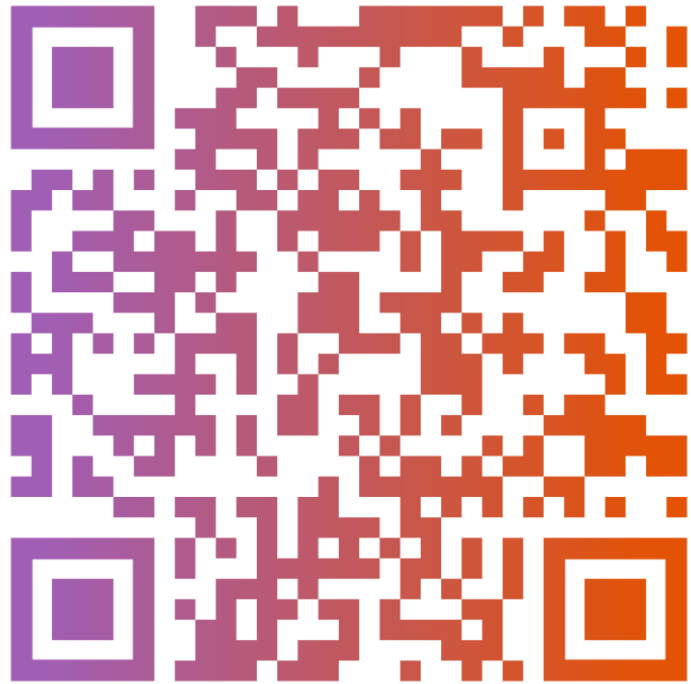
REPEX Supplier registration

For construction, maintenance & replacement of gas distribution mains and services in our Southern England network

<https://www.delta-sourcing.com/delta/signup.html?userType=supplier>



Tell us what you think and what you'd like to know more about.



Scan the QR code or visit

<https://www.smartsurvey.co.uk/s/MeetTheBuyer/>

to complete our short survey

SGN

Meet the Buyer event

Thank You



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Your gas. Our network.