



# GitHub and Lloyds Banking Group

“Sharing the story of GitHub in LBG to date, successes, challenges and our future focus”

- Who am I
- Introduction to Lloyds Banking Group (LBG)
- The current landscape in LBG
- Our Source Code Management strategy
- GitHub in LBG
- Successes and challenges
- Our vision



# Who am I

- Current Role

DevOps Centre of Excellence Engineer and GitHub Product Owner

- Background

20 years as a technologist including 17 with Lloyds Banking Group.

I have worked on many programmes ranging from launching new systems, products and large scale integrations



**Paul Williams**

***My role at LBG is currently focussed on maximising the productivity and utilisation of GitHub within the bank and supporting the transformation to a DevOps culture***



# Introduction to Lloyds Banking Group

We are a financial services group with millions of UK customers with a presence in nearly every community; we are familiar on the high street and with over 1 million businesses through our portfolio of brands.

Our business is focused on retail and commercial financial services. We thrive based on how well we serve our customers; on our relationships within the communities we serve; and on helping Britain prosper.

Lloyds Banking Group has some of the most iconic brands in the UK:

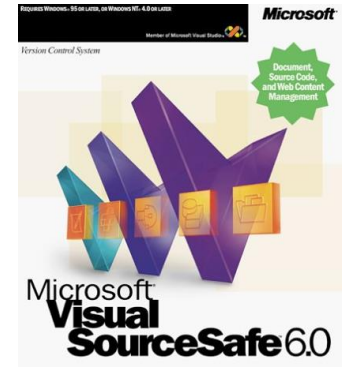
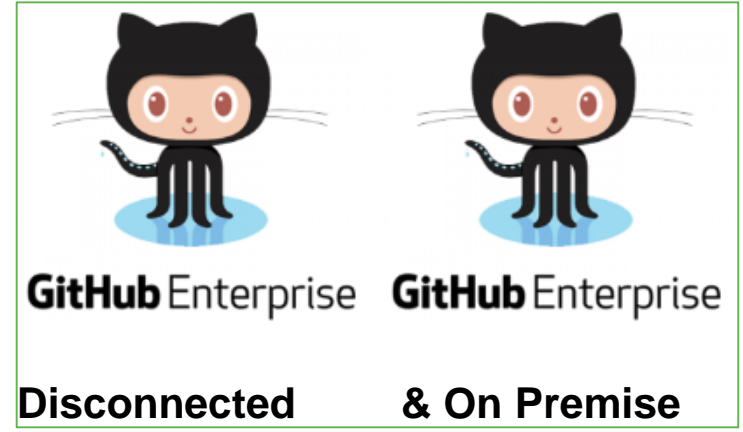


30 million  
UK customers

Largest retail,  
and digital bank  
in the UK

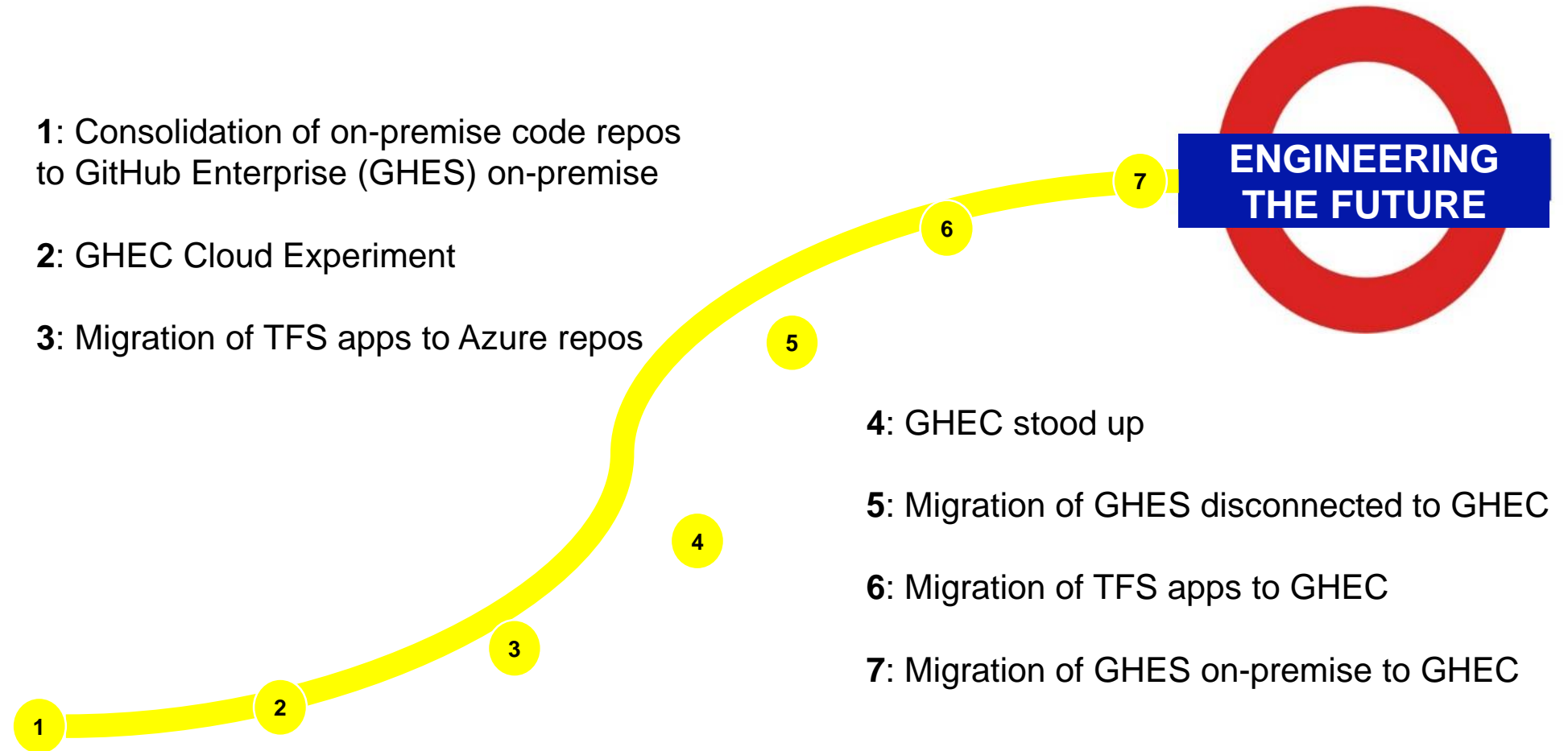


# The current landscape in LBG.....





# Simplify, modernise and support our DevOps strategy....



Greater collaboration and Inner Sourcing



# GitHub in LBG....



## Tool Adoption

**5,000+** registered users

**17,000+** repositories with  
**c.15** a day being created



## Training

All content now on  
**GHE Pages**

**18 'local reps'** identified  
across the UK

**Mix** of recorded sessions and  
interactive training

New material on the way...

## Guild

Regular call with demos  
and shared stories from  
across the labs



## Migrations

**23** migrations  
completed, **30+**  
underway

**An enabler**  
to decommission other  
systems

## Sprint Team

Delivering value **every 2 weeks**

**60+** EPICs on our backlog!



Team of 8

More automation  
More integration

## Infrastructure

Updated to support  
**10,000 users**



## Comms Plan

Continue to publicise GitHub  
via events, demos,  
newsletters, intranet etc

## GHEC

GitHub externally  
hosted SaaS  
product



Currently progressing through our  
approval process

Key enabler for a strategic  
programme



## Great progress so far.....



- User adoption with over 5000 users across connected and disconnected instances
- Evergreen approach
- Sprint team focussed on supporting the tool and users
- Guild engagement and collaboration via intranet and collaboration tools
- Training solutions e.g. video, face to face sessions, local champions and GHE Pages content
- Supporting teams with GitHub integration into their CI/CD pipelines



- Org '*proliferation*' with our self service approach
- Volume of differing SCM tools to support migrations
- Promoting migration and assessing where it is not viable e.g. legacy or retiring applications
- Security, User Access Management and data loss prevention concerns with Cloud Hosted solutions



# Our vision: what does our target state look and feel like....

This Vision will deliver:

- An ecosystem engineers want to work in, designed by engineers for engineers; helping us to hire and retain engineers
- A industry leading technology landscape, fully leveraging the capabilities of Cloud
- Empowered engineers who can safely develop and manage applications and environments
- A frictionless engineering experience enabling application development at pace





# Q&A

via the virtual booth