



**Deloitte.**



Story of S/4 HANA Transformation hosted  
on AWS at Síminn

SBN Conference, 21<sup>st</sup> of October 2020



**MAKING AN  
IMPACT THAT  
MATTERS**  
*since 1845*

# Welcome to this presentation

Story of S/4 HANA Transformation hosted on AWS at Síminn

## Agenda

- 1 Background
- 2 Preparation
- 3 Delivery
- 4 Key learnings

## Presenters



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Iceland

A person in a dark suit and white shirt is writing on a whiteboard with an orange marker. The whiteboard has several orange sticky notes attached to it. One sticky note has the word "Sophus" written on it, and another has "Eric". There is also a long diagonal line drawn on the whiteboard. The background is a bright, out-of-focus window showing a cityscape. A semi-transparent dark grey bar is at the bottom of the image, containing the text "1. Background – A need for change".

## 1. Background – A need for change

## Background – Síminn

Síminn is the largest telecom company in Iceland, providing services related to telephone, internet and television

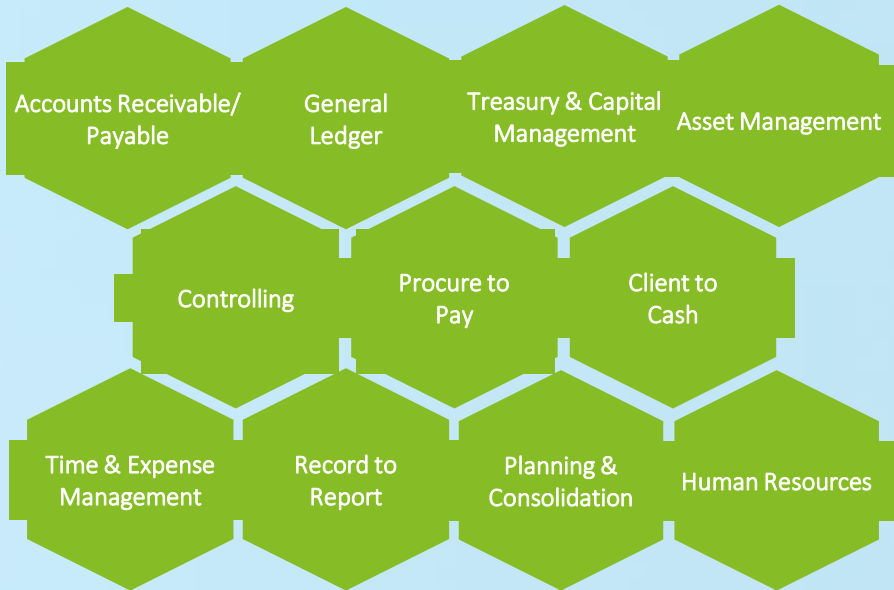
Síminn has its headquarters in Reykjavik and employs around 750 people

-  **OFFERS COMMUNICATION SERVICES** to both private and corporate clients, including mobile, home phones, internet connections and television
-  **LEADING PROVIDER** of wireless communication services in Iceland, operating a 4G/3G/2G mobile network reaching over 99% of Iceland's population
-  **LARGEST WIRELESS CARRIER** in Iceland with a market share of 34,5 percent, servicing both the population in rural areas and sea
-  **TV CHANNEL** and streaming services, Síminn holds the rights the Premier League in Iceland
-  **SUBSIDIARIES** of Síminn are Sensa (hosting), Míla (infrastructure) and Radíómiðlun (specialized in telecommunications for the fishing industry)

# Background – Need for Change

After running the same system for 20 years, there were several reasons for upgrading to SAP S/4 HANA

## In scope processes



Technology & Innovation

Integration

Change Management

Project Management

Primary Processes

Foundational Elements

## Business and Technical drivers for completing the S/4HANA transformation

- **TECHNICAL ENVIRONMENT SIMPLIFICATION** with the objective of reducing maintenance cost
- **FRESH START** by providing a clean system which adheres to standard SAP best practices whenever possible, thus facilitating **future upgrades**.
- **PROVIDE END-USERS WITH A MUCH FASTER SYSTEM** thus freeing up employees time to focus on more important tasks.
- **PROVIDE END-USERS WITH A MORE USER FRIENDLY INTERFACE** through FIORI
- **PROVIDE END-USERS WITH NEW FUNCTIONALITIES, IMPROVED ANALYTICAL TOOLS** main focus being on Finance transformation and as a second step SAC

A close-up photograph of a person's hands holding a smartphone. The person is wearing a blue suit jacket and a white shirt. The background is blurred, showing more of the suit and the person's legs. A semi-transparent dark blue banner is overlaid at the bottom of the image, containing white text.

## 2. Preparation - Understanding your constraints and options

## Preparation – What is My Current State of Things?

Deloitte Platform Analyzer provided insight around core SAP components, identified key challenges and helped chart out Siminn's re-platforming and modernization roadmap



# Preparation – Greenfield or Brownfield?

Based on the output of the platform analyzer, it was decided to go with a greenfield approach

The project ran the Deloitte Platform Analyzer tool on Síminn (SBX) environment. Key observations where:

- All active Business Functions will be supported in the new SAP S/4HANA version 1709.
- 43 Business processes have been identified in system along with 6 Industry solutions.
- No errors found in the pre check analysis

As per DPA analysis SAP S/4HANA 1709 EM conversion is possible for Síminn as all business functions are supported. However, this conclusion is not contradictory with Greenfield approach.

→ Project decision: Greenfield approach

## Greenfield

### New Installation

- If the design of your current SAP landscape is from 90's, it's probably time to consider the fresh start of S/4 HANA
- Reimage your core process & systems in alignment with corporate priorities to achieve superior operational performance in a digital & networked economy
- Clean up the data in old system and bring into S/4 HANA with integrated data management and quality tools.

## Brownfield

### System Conversion

- If your current SAP Landscape has been highly maintained ( ECC 6.0 or higher) and 75-80% of your current process/code base in use then you most likely consider direct conversion to S/4 HANA
- Assess the readiness of the system for conversion
- Complete the conversion of the system to S/4 HANA

## Preparation – Is cloud an Option?

After running a pilot, hesitation was removed and it was chosen to use amazon web services (AWS) and SAP tools when applicable in relation to the setup in Amazon cloud

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Database Migration Option (DMO) of SUM

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ERP6 EHP4 ORACLE DB



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SUM to upgrade to new EHP to get HANA DB Support

DMO is Data Base migration to move the system to a new platform, for example changing OS or DB. In this case, we changed the DB (Oracle to HANA) but not the OS (Linux)

The Pilot took about 2 weeks to complete and was a collaboration between the AWS Tiger team, Deloitte and Síminn.

A high-angle, top-down photograph of a diverse group of approximately 12 business professionals in a huddle. They are standing on a light-colored, square-tiled floor. All individuals have their hands stacked in the center, symbolizing teamwork and collaboration. The group includes men and women of various ages and ethnicities, dressed in professional business attire such as blouses, shirts, and suits. The lighting is bright and even, highlighting the textures of their clothing and the floor tiles.

### 3. Delivery – The usual chaos

# Delivery – Strategic and Operational Decisions

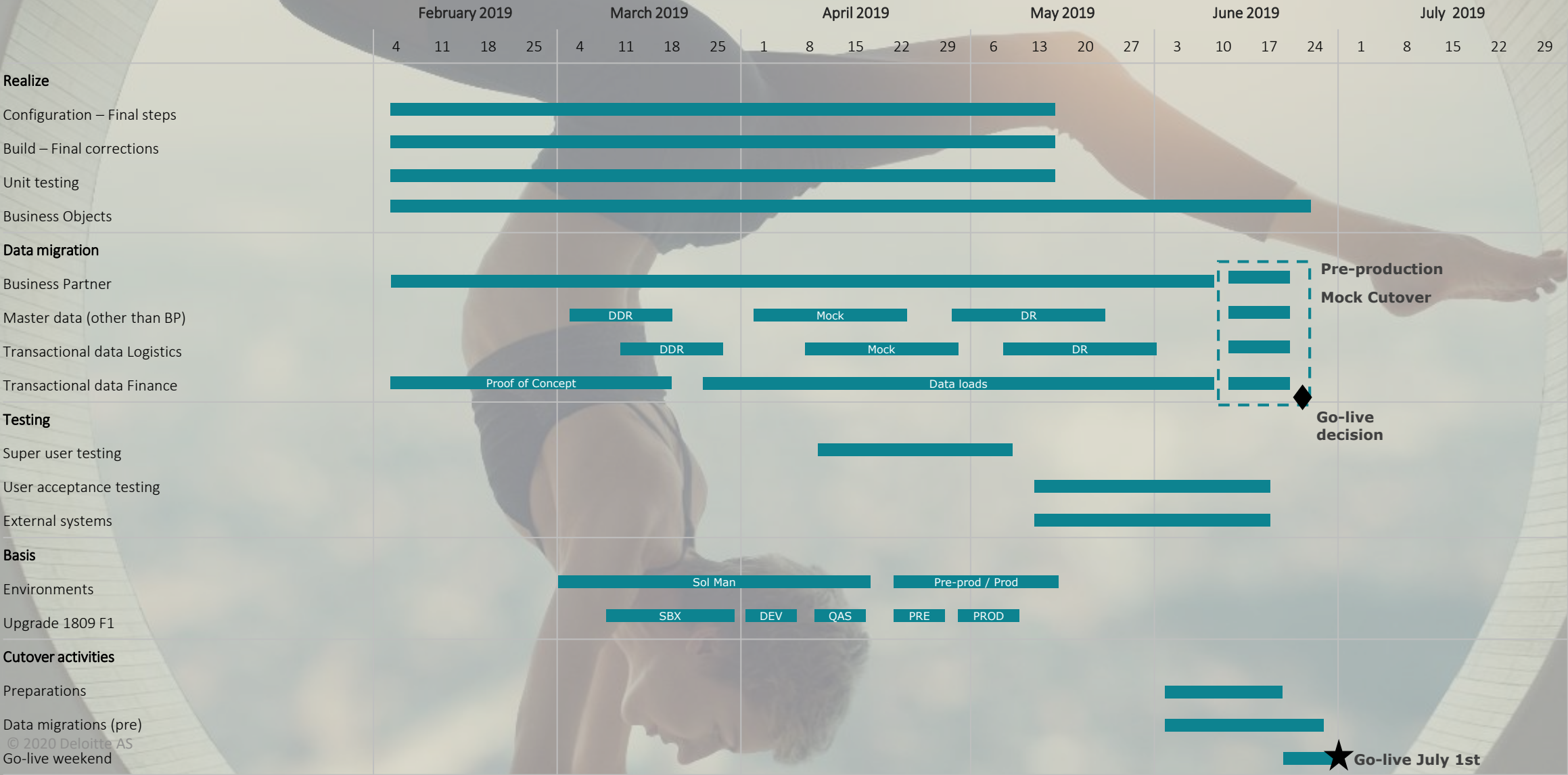
A fresh start through clean up but analytical overview through the migration of one years worth of transactional Finance data

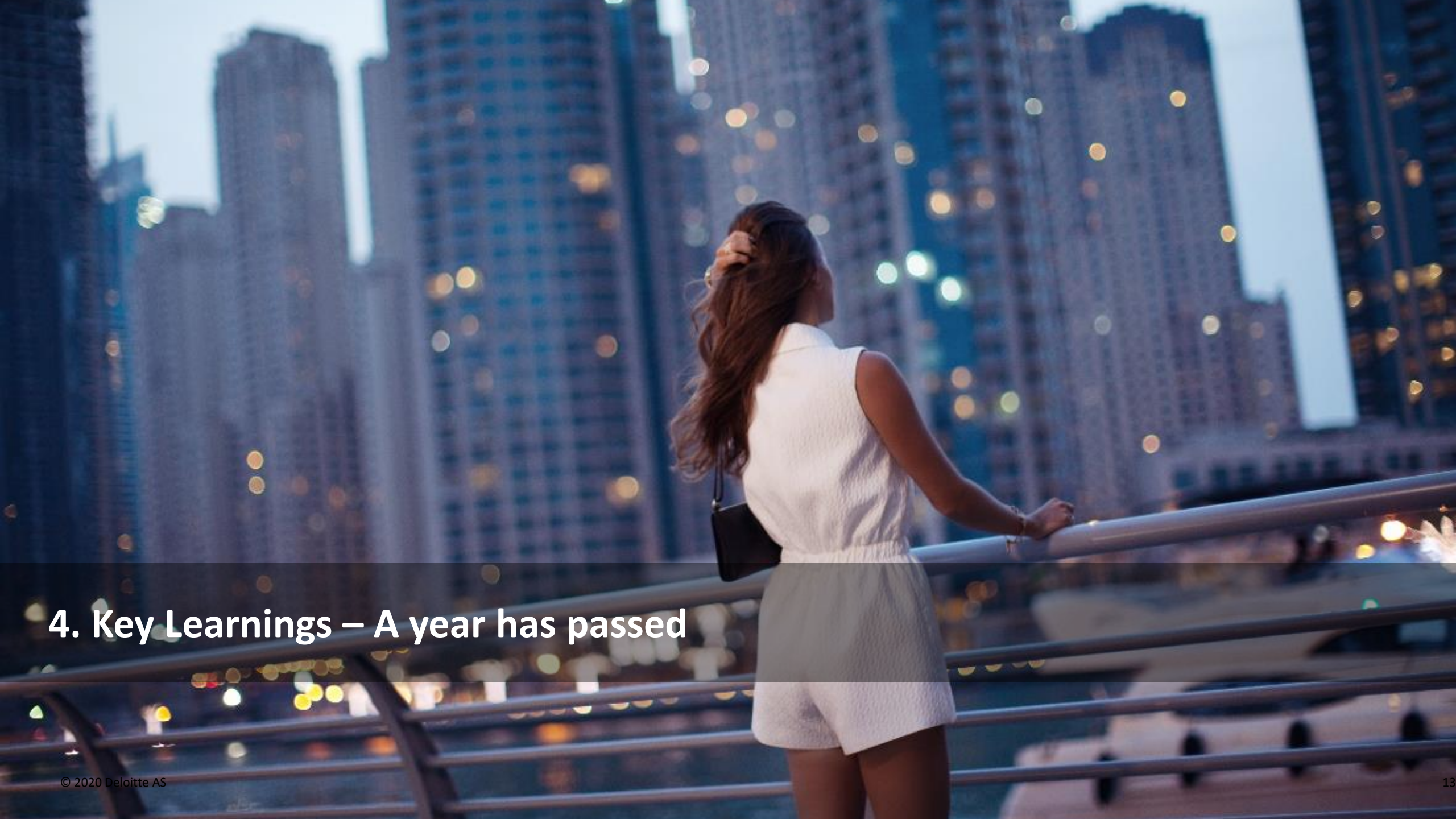
## Business and Technical drivers for completing the S/4HANA transformation

- **COMPANY CODES MIGRATED** as the Síminn system was quite dated, several company codes were left behind and only 8 company codes were migrated to S/4HANA
- **DATA STORAGE** the former ERP system was moved to the Cloud for storage and on demand consultation
- **DATA MIGRATION** all master data and unprocessed items were migrated to S/4HANA. It was decided that one year of Financial data and RM-CA data was migrated to S/4HANA for reporting purposes.
- **VERSION** a few months prior to go-live the decision was taken to upgrade from 1709 to 1809 in order to save on testing of future upgrades
- **LANDSCAPE SIMPLIFICATION** one of the main focus areas of the program was to simplify the systems landscape. Several integrations became obsolete and efficiency was gained

# Delivery – Unforeseeable events and the usual chaos

Many things could go wrong when you have a tight project plan, highly complex data migration as well as numerous integrations with third-party systems. AWS provided us with the flexibility needed to complete the project within deadline

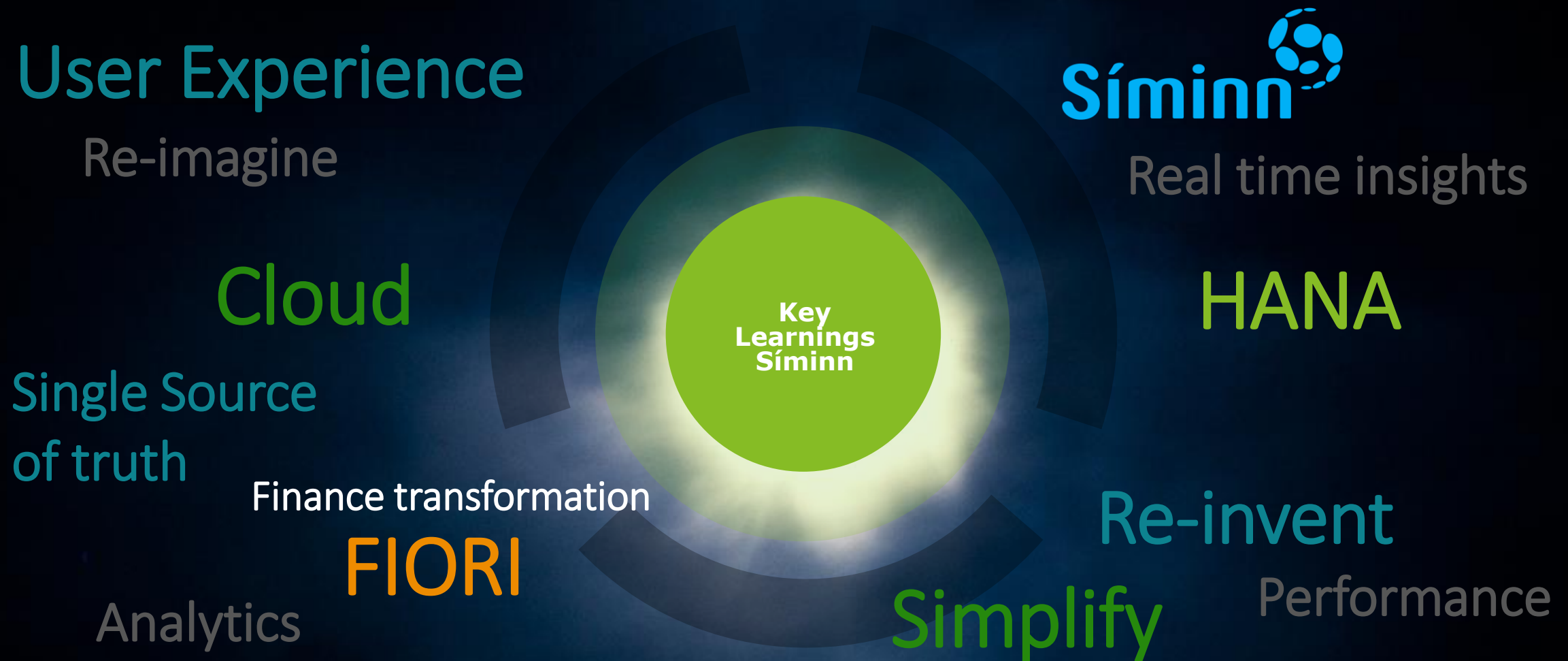


A woman with long brown hair, wearing a white sleeveless dress, stands on a bridge railing at night, looking out at a city skyline with many lit-up skyscrapers. The scene is captured in a cinematic style with soft lighting and a bokeh effect on the city lights.

## 4. Key Learnings – A year has passed

## Key learnings

Looking back , one year later, what has Síminn gained/lost from having embarked upon this transformation journey?





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Any unanswered questions?

Visit our virtual booth and join the live meeting!



## Contact info



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