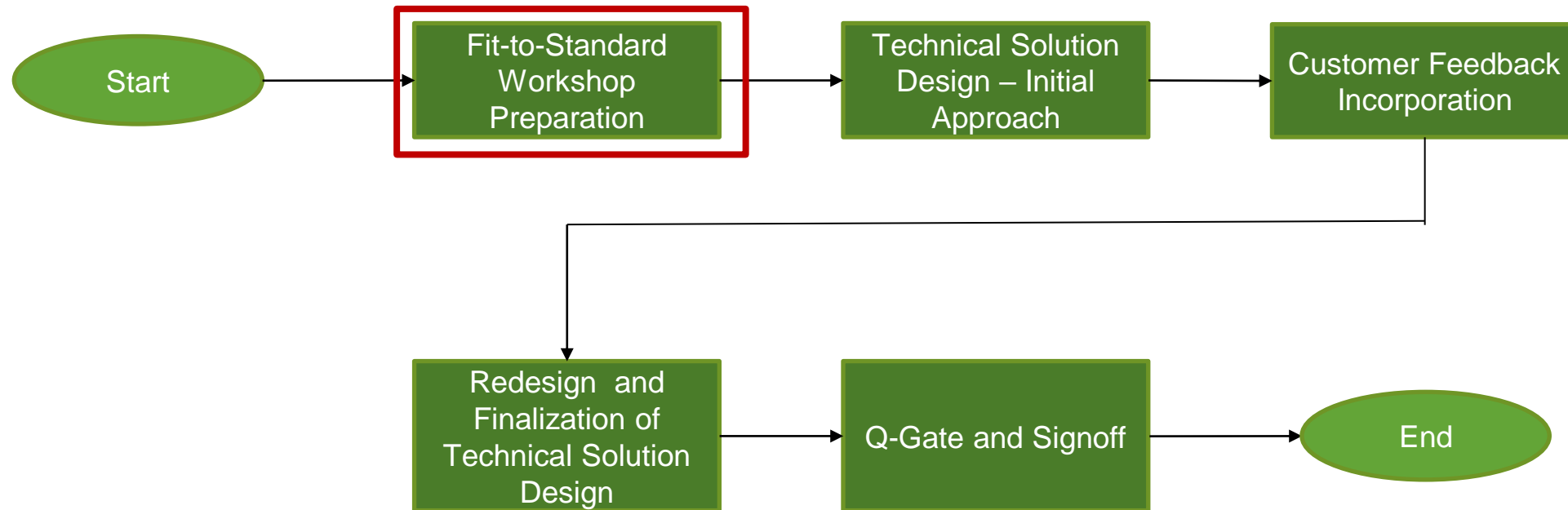# RenewAgra Technical Solution Design

EASIER MANAGEMENT OF CROPS
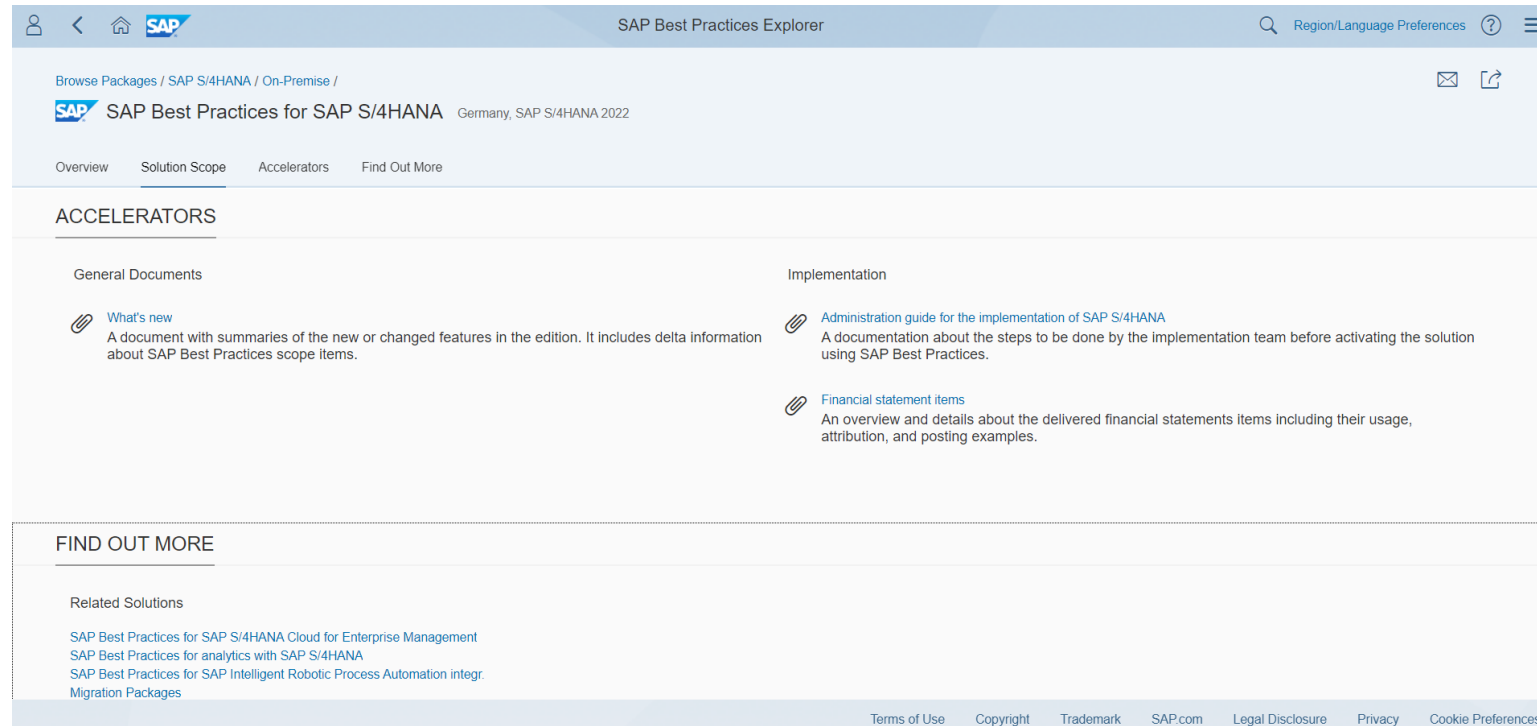
Presented by Atsushi Kobayashi

Where are we?

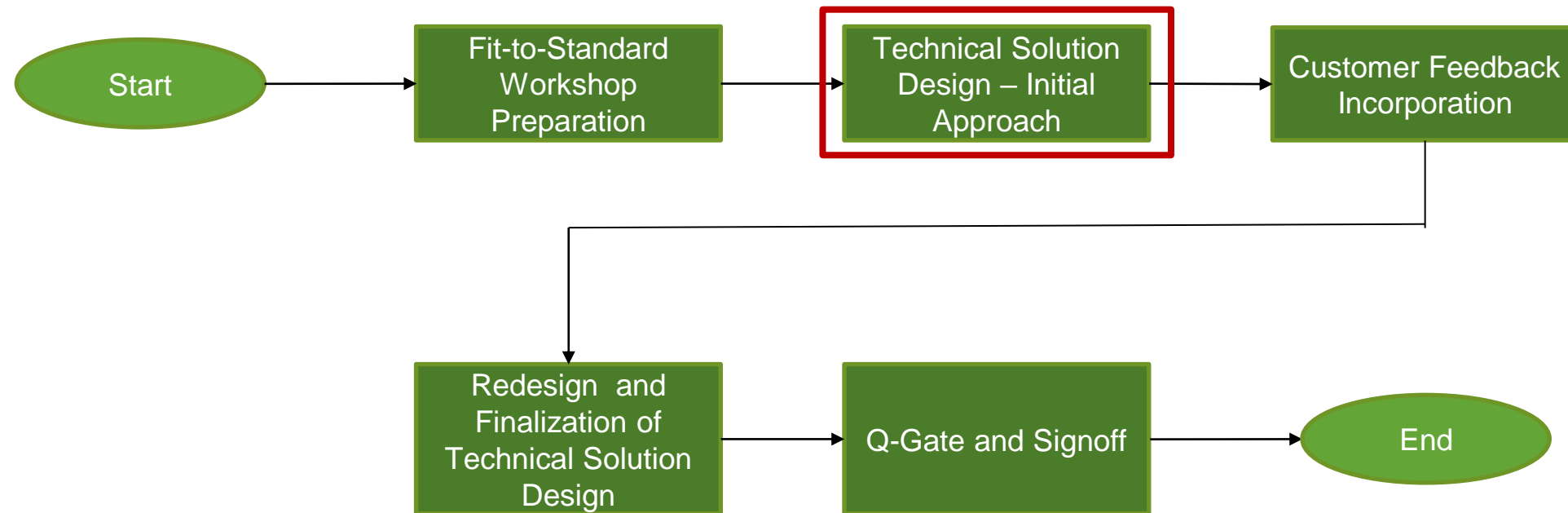# How does fit-to-standard work?

- Integrate and centralise the existing data and systems.

- Meet international standards and can be used in multiple countries.

- Provide easy-to-use applications for farmers.

Example of a standard functionality

RenewAgra focuses on integrating data and making it usable across departments. We can provide SAP S/4HANA and also make apps available in SAP Fiori.

Where are we?


```
Start → Fit-to-Standard Workshop Preparation → Technical Solution Design – Initial Approach → Customer Feedback Incorporation
                                                                                                        ↓
Redesign and Finalization of Technical Solution Design → Q-Gate and Signoff → End
```

What will we do? CropCo

- Fiori mobile apps can be provided for farmers that allows them to manage data acquired by drones and crop management.

- Retailers can also easily check data, place orders and manage stock.

What will we do? TransCorp

- Existing transport trading systems owned by TransCorp can be utilised and data can be linked or integrated.

- The company can manage grain transport from import to export on the SAP Cloud.

- Wherever possible, the transport status is clarified and information is delivered to the customer, in line with national legislation.
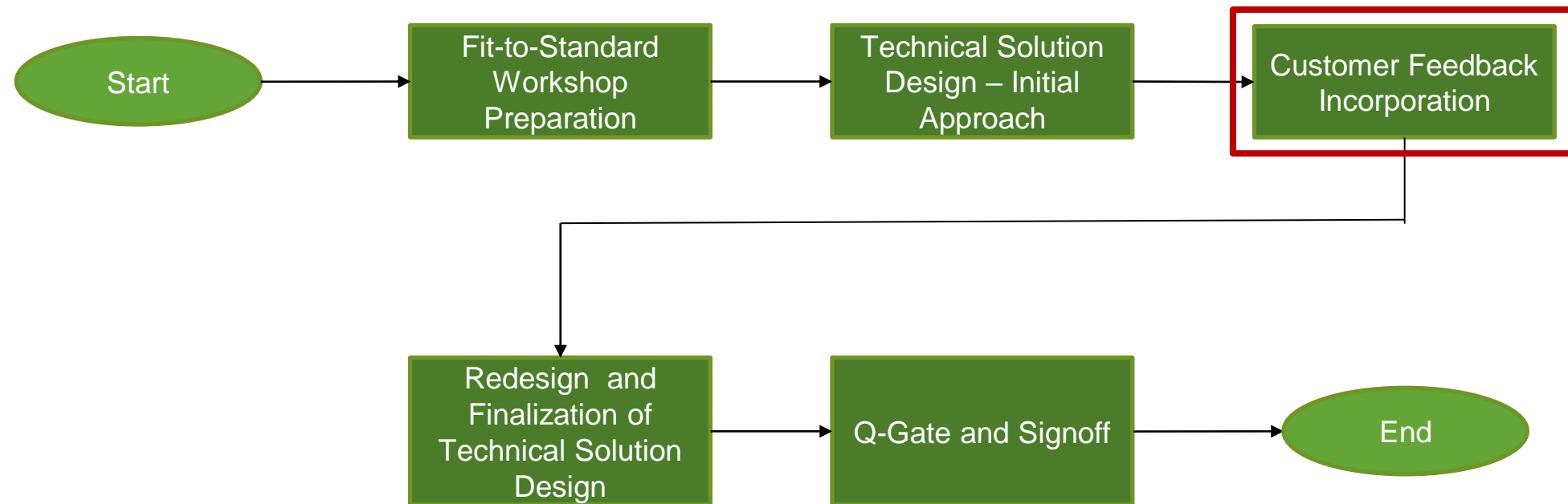
What will we do? EnvoData

- Through SAP S/4HANA, data on farmland and crops is provided.

- Farmers can manage it via an app.

- Users can also use data analysis tools.

How ready are we?

- Excel data and other data can be prepared for transfer prior to SAP installation.

- Compatibility checks can be carried out with PCs in each department.

- We can provide how to use and knowledge of the application for farmers in advance so that they can use it.
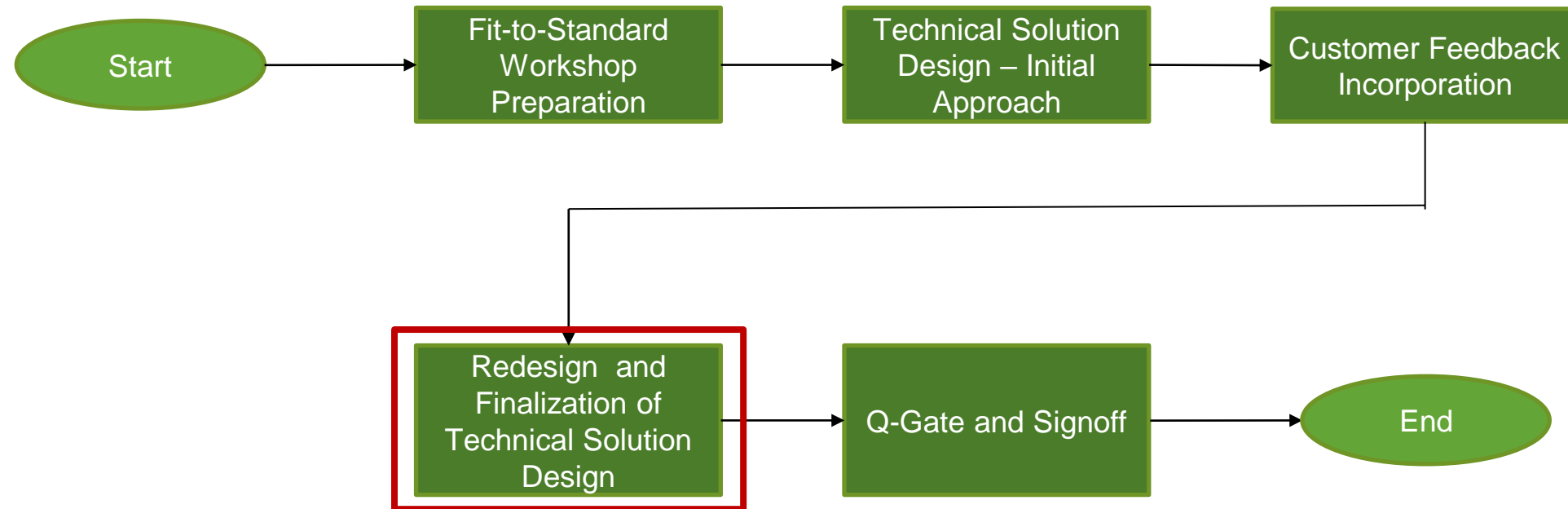
Where are we?

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                ┌──────────────┐     ┌──────────────┐     ╔══════════════╗
                │ Fit-to-Standard│   │ Technical Solution│ ║ Customer Feedback║
   ( Start )───▶│  Workshop      │──▶│  Design – Initial │▶║  Incorporation  ║
                │  Preparation   │   │   Approach        │ ╚══════════════╝
                └──────────────┘     └──────────────┘
```

Start

Fit-to-Standard Workshop Preparation

Technical Solution Design – Initial Approach

Customer Feedback Incorporation

Redesign and Finalization of Technical Solution Design

Q-Gate and Signoff

End

Addressing customer feedback

	Customer Feedback	Resolution
	Farmers do not want to change their devices to use the apps.	Ensure that the application can be accessed on mobile phones of any OS.
	Is data protection and security safe?	The SAP system meets international standards, such as data protection regulations, and can be customised for the country in which it is used.

Where are we?

What will we do? CropCo

- It can also be accessed on any OS from farmers' mobile phones.

- The data is secure as it has an authentication system that only authorised users can access.

What will we do? TransCorp

- We collect discrepancies and can fix bugs in the SAP tools and existing systems.

- Ensure that driver and customers also have access.

- Align the system with international standards to meet national legislation.
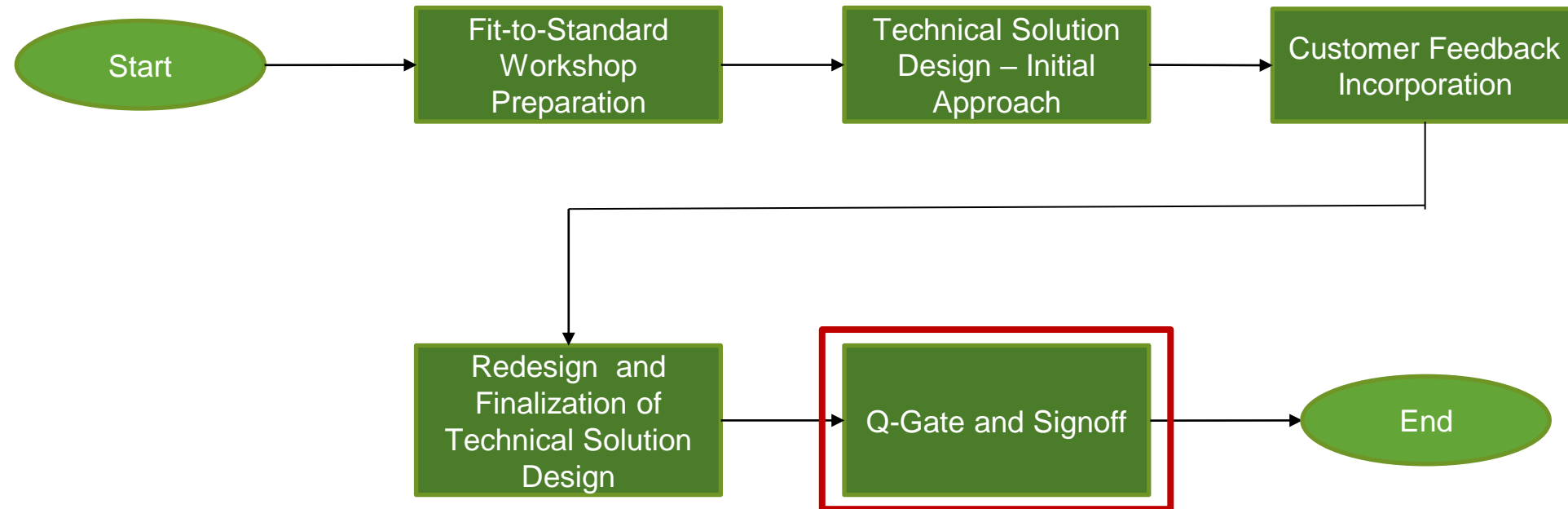
What will we do? EnvoData

- Ensure that data is secure so that third parties cannot access it.

- Have a complete authentication system that can only be used by registered users.

RenewAgra – How ready are we?

- Create a list of things to do.

- RenewAgra compiles the necessary data for the three companies.

- Build a special team and staff to set up the SAP tools.

- Communicate with farmers and drivers to get them to use the apps as well.

Where are we?

Start → Fit-to-Standard Workshop Preparation → Technical Solution Design – Initial Approach → Customer Feedback Incorporation → Redesign and Finalization of Technical Solution Design → **Q-Gate and Signoff** → End

RenewAgra – Product Backlog

- Legal checks:
  - Checks on transport legislation on the use of GPS in different countries.
  - Checks on data protection regulations in different countries.
- To check that the system is working properly.
- To listen to feedback on the use of the apps and consider improvements to make it more user-friendly.

RenewAgra – Q-Gate Checklist

To do	Is it Feasible?	Does it meet the Timeline?	What are the Constraints?	MoSCoW Prioritization
A login interface	Yes	Yes	None	Must have
A database for storing user credentials	Yes	Yes	None	Must have
A "Sign-in with Facebook or Google Chrome" integration	Yes	No	Time and dependency on legal checks	Should have (The convenience of signing in is now essential.)
A mechanism for authentication of a user	Yes	No	Time and legal check for face recognition systems	Should have (The convenience of signing in is now essential.)

RenewAgra – Lessons Learned

The remaining question: The SAP documentation can usually tell us whether the SAP requirements and the existing system match; however, how can we suggest when the requirements do not match?

What worked well and what I found out: Listened to customer feedback and adapted accordingly. Also, that modifications are always necessary even after the SAP tool has been designed.

Where are we?


```
Start → Fit-to-Standard Workshop Preparation → Technical Solution Design – Initial Approach → Customer Feedback Incorporation → Redesign and Finalization of Technical Solution Design → Q-Gate and Signoff → End
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