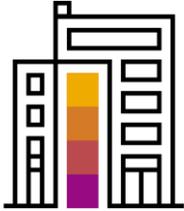




SAP® Innovation Awards 2020 Entry Pitch Deck

Accelerating Our Stewardship of the Planet By Transforming The CAPEX Journey
Danone





Company Information

Headquarters	Paris, France
Industry	Food Processing
Web site	www.danone.com



Danone is a global food & beverage company built on four businesses: Essential Dairy and Plant-Based Products, Waters, Early Life Nutrition, and Medical Nutrition. The company aims to inspire healthier and more sustainable eating and drinking practices, in line with the vision “Danone, One Planet. One Health,” which reflects a strong belief that the health of people and the health of the planet are interconnected.

The company is committed to operating in an efficient, sustainable and responsible manner. This unique approach, historically defined as our Dual Project, enables us to create both shareholder and societal value.

We hold ourselves to the highest standards, as reflected by our ambition to become one of the first multinationals certified as B Corp™. Danone has been recognized by many leading institutions, including MSCI, Dow Jones, ETHIBEL, ECPI, ISS, and CDP, as a global leader in social and environmental responsibility and innovation. The company has fully committed to the United Nations’ 2030 Sustainable Development Goals.

Accelerating Our Stewardship Of The Planet

Danone



The new app helps us drive our investments and lease requests in line with our company goals.

Clément ARTAUD

Software Architecture Director.

Challenge

The CAPEX approval process was built 10 to 15 years ago and was based primarily on email. It was a poor user experience, had no tracking and reporting capabilities, and was difficult to adapt to evolving workflows and business requirements. Most important, the company's planet sustainability KPIs could not be implemented in the approval process. Further, executive approvals were cumbersome without a mobile front-end.

Solution

Danone created a new CAPEX approval process, named CAR, using SAP Cloud Platform, SAP Intelligent Technologies, and SAP HANA. The company focused on creating the best user experience for each type of user including project managers, finance, and executives. The new solution included an easy-to-use mobile front-end, refocused KPIs on planet sustainability and impact, and included a set of SAP Fiori applications for tracking and analytics.

Outcome

CAR is in pilot and will be launched in February 2020. The solution tracks 6 families of KPIs, 5 of which support the company's sustainability goals. CAR will ensure compliance with the company's values and stewardship of the planet while significantly speeding up the approval process and reducing task-oriented work for finance, program management, and executive support.



50%
100%

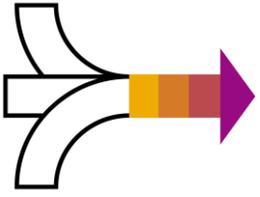
The ability to achieve 50% reduction in CO2 and 100% renewable electricity by 2030

100%

Of CAPEX approval process users will use the new streamlined process

1000

1000 different employees will be more empowered in their roles



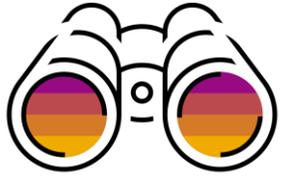
Business Challenges and Objectives

Challenges:

- Planet stewardship KPIs could not be tracked.
- Poor user experience. User must navigate many screens.
- Not extensible. Not up to date with the changes in financial process and business structure.
- No reporting or tracking capabilities.
- Email used for managing discussions.

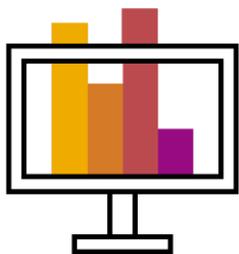
Objectives:

- Making sure investments are prioritized with the highest impact on the business and the planet values.
- Faster decision making for projects and large investments.
- Easy to use on mobile devices so that approvers/reviewers see, validate, and approve investments quickly.
- One source of truth for all CAPEX requests to provide financial visibility and transparency.
- Departments that own the approval process can change workflow steps and business rules without involvement from IT.



Project or Use Case Details

- Danone has taken a leadership role in global environmental stewardship and has established “planet” KPIs focused on reducing energy consumption, increasing green energy sourcing, increasing recycling, reuse, and composting, reducing carbon impact, and improving water conservation and compliance. There was no way to track these measures in the old approval process. Projects would get rejected and delayed without visibility into the company’s planet KPIs. CAR will now track each of these measures throughout the approval process, making it easy for reviewers and approvers during each step. Furthermore, projects and their impact can be rolled up and viewed by location, division, and globally.
- The previous process was difficult and cumbersome. Reviewers and approvers had to switch between multiple screens and systems, and not all the information was included for decisions to be made. Executives didn’t access the system directly, rather they had assistants track down missing information and use the desktop front-end. Now executive approvers can do everything on their mobile device.
- The old system and process could not adapt to the changing structure of the business. Previously, supply and demand were local to each business unit and country. Increasingly, though, there were more synergies across business units. Spain, for example, may need to do an investment in the factory that will serve France and Germany. That workflow was technically impossible to implement in the old system.



Benefits and Outcomes

Business or Social

CAR will be live in February 2020. The project makes it possible to measure and approve CAPEX projects that will achieve the company's innovative and ambitious 2030 environmental goals including:

- Reducing CO2 emissions by 50% (at 15.6% in 2018);
- 100% renewable electricity (34% in 2018);
- 100% recyclable, reusable or compostable packaging (89% in 2018); and,
- 50% reintegrated and recyclable PET bottles (12% in 2018)

IT

Much faster CAPEX approvals.

Overall reduction in maintenance & development cost.

Increased transparency on the entire process using Workflow.

Improvement in user experience and user satisfaction.

DynaTrace application will be used to measure technical performance.

The current system is often bypassed because it's unusable. The new system will increase use to 100%.

Human Empowerment

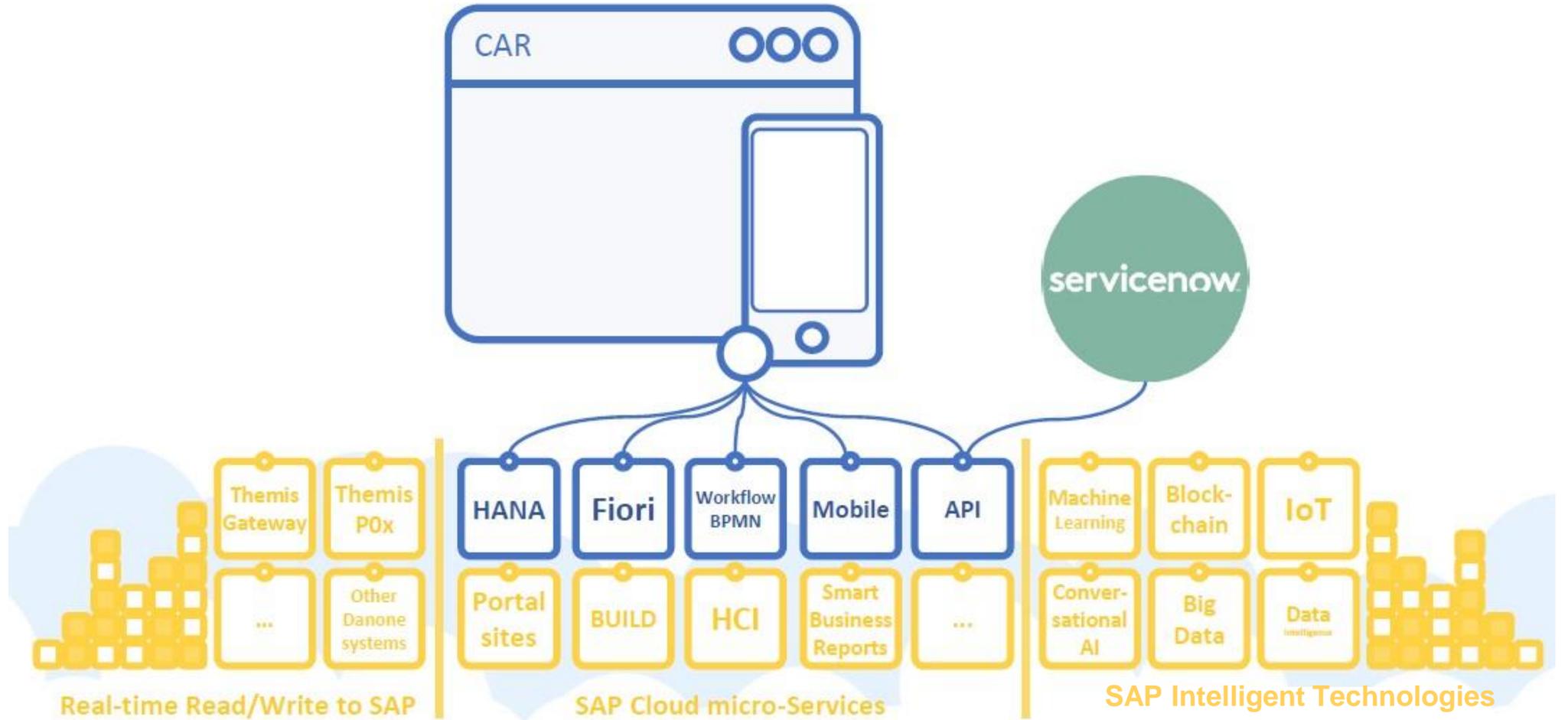
Most executives today have a manager or assistant check status and track down other information. Now managers will interact and approve projects directly with a simple mobile front-end.

Program managers and finance staff will now get real-time status and analytics reporting along with the ability to roll up views by department, business unit, region, and globally for overall KPI impact.

1000 total executives', assistants', program managers', and financial managers' jobs will be dramatically improved.



Architecture





Deployment

Deployment status Pilot Stage

Date Live on Feb 2020

Number of users 1000 when live

SAP technologies used:

	SAP product	Deployment status (live or proof of concept [POC])	Contribution to project
1	SAP HANA platform	In Pilot for Feb 2020 go live	Data backbone
2	SAP Leonardo IoT, SAP Machine Learning Foundation, SAP Leonardo Blockchain, SAP Data Intelligence, SAP Conversational AI	In Pilot for Feb 2020 go live	Advanced analytics
3	SAP Cloud Platform	In Pilot for Feb 2020 go live	Reach, extensibility, and workflow
4	SAP Workflow	In Pilot for Feb 2020 go live	

If you have used one of the services or support offerings from SAP Digital Business Services during the implementation or deployment phase, please select with one or more of the following offerings:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> SAP MaxAttention™ | <input type="checkbox"/> SAP ActiveAttention™ | <input type="checkbox"/> SAP Advanced Deployment |
| <input type="checkbox"/> SAP Value Assurance | <input type="checkbox"/> SAP Model Company | <input type="checkbox"/> Others: |
| <input type="checkbox"/> SAP Innovation Services | <input type="checkbox"/> SAP Innovative Business Solutions | |



Deployment continued



Deployment status Pilot Stage

Date Live on Feb 2020

Number of users 1000 when live

SAP technologies used:

SAP product	Deployment status (live or proof of concept [POC])	Contribution to project
5 SAP Fiori for iOS	In Pilot for Feb 2020 go live	
6 SAP Fiori Launchpad on Portal	In Pilot for Feb 2020 go live	
7 SAPUI5	In Pilot for Feb 2020 go live	



Advanced Technologies

The following **advanced technologies** were part of the project.

	Technology or use case	Yes or No	Contribution to project
1	3D printing	No	
2	Blockchain	No	
3	Internet of Things (IoT)	No	
4	Machine learning or AI	No	
5	Conversational AI	No	
6	Robotic process automation	No	
7	Data anonymization	No	
8	Augmented analytics	No	