United Nations Global Compact

ELM FRONTEND FOR
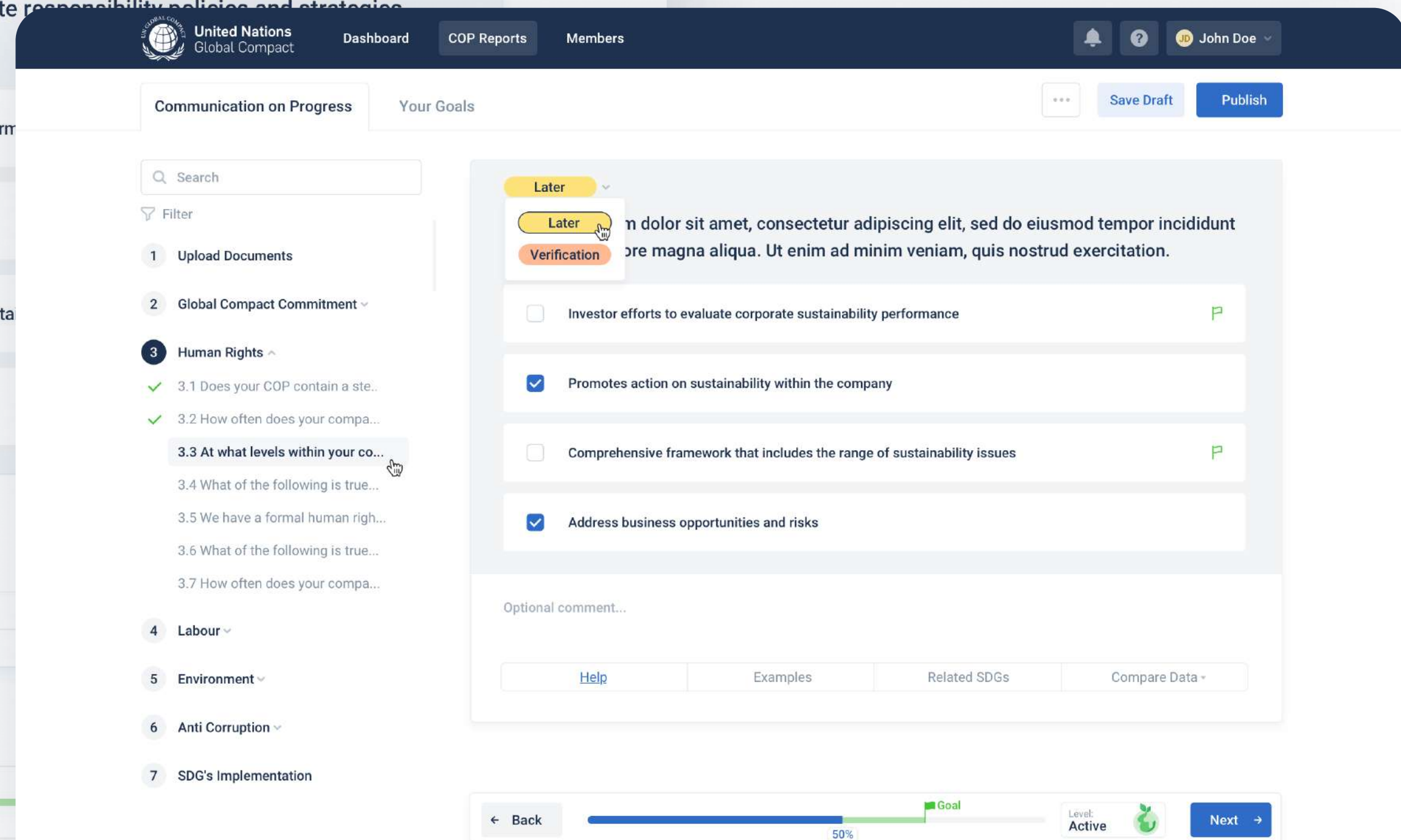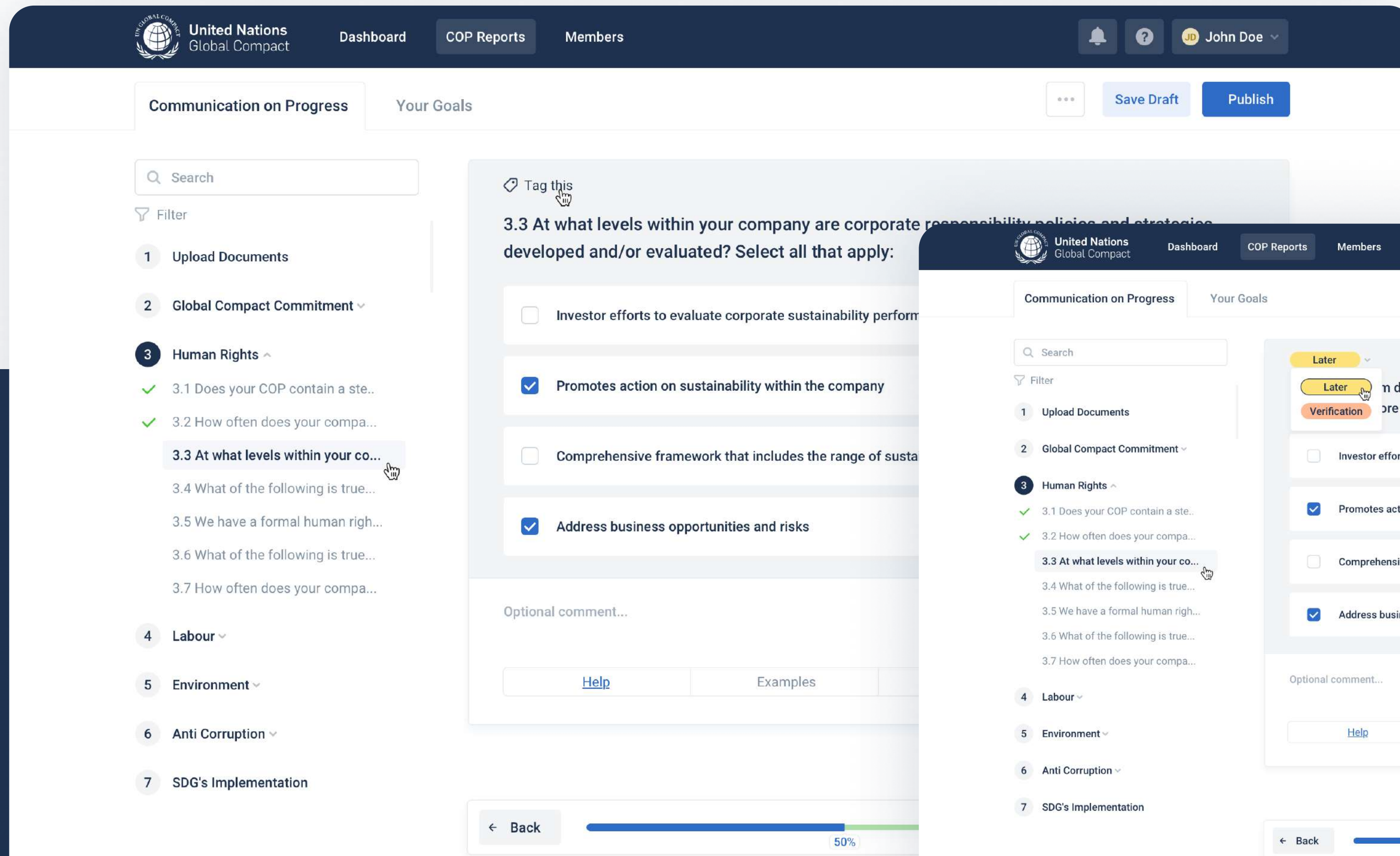# UNITED NATIONS GLOBAL COMPACT'S COMMUNICATION OF PROGRESS APPLICATION PROTOTYPE

We're talking about state-of-art frontend development with ELM. Solid application architecture, functional programming, and a state management system that inspired all modern frontend development with JavaScript.

The UN Global Compact requires participating companies to produce an annual CoP that details their work to embed the Ten Principles into their strategies and operations, as well as efforts to support societal priorities.

The CoP is a visible expression of your commitment to sustainability and your stakeholders can view it on your company's profile page. Companies that fail to report or to meet the criteria over time may be removed from the initiative.

AMBITION

The UNGC is currently reviewing its Communication of Progress (CoP) tool and plans to launch the new CoP experience in 2021. The main objectives include future-fitting the CoP's current functionality, enhancing them to further strengthen corporate transparency and accountability, and have better progress tracking in order to inspire leadership, foster goal-setting, and provide strong learning opportunities around the Ten Principles and the SDGs.

G.

We're on uncharted ground. Creative problem solving was paramount for the success of the project.

The role of the prototype is to help us explore all possibilities while better understanding the pain points of its user base.

The requirements are derived from the organization's desire to improve its current processes and accelerate its digitalization. We have a free hand in regards to what it takes to achieve the goal.

This will require us to innovate and come forth with our best bets in terms of user interface and user experience and, later, bring in the stakeholders to interact with the prototype, test our hypotheses, and collect relevant feedback to move forward.

Our goal is to create a high-definition MVP that will be used to drive all future data-first digital transformations in this area of the organization.

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1 Upload Documents

2 Global Compact Commitment

3 Human Rights
- ✓ 3.1 Does your COP contain a ste..
- ✓ 3.2 How often does your compa...
- 3.3 At what levels within your co...
- 3.4 What of the following is true...
- 3.5 We have a formal human righ...
- 3.6 What of the following is true...
- 3.7 How often does your compa...

4 Labour

5 Environment

6 Anti Corruption

7 SDG's Implementation

Tag this

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Type here...

Optional comment...

Help | Examples | Related SDGs | Compare Data

← Back

Goal

50%

Level: Active

2 items added to your goals list

Seamless product development empowered by well-proportioned work
sprints and a powerful technology stack.

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1   Upload Documents

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3   Human Rights ⌃

✓   3.1 Does your COP contain a ste..

✓   3.2 How often does your compa...

    3.3 At what levels within your co...

    3.4 What of the following is true...

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    3.6 What of the following is true...

    3.7 How often does your compa...

4   Labour ⌄

5   Environment ⌄

6   Anti Corruption ⌄

7   SDG's Implementation

🏷 Tag this

3 GOOD HEALTH AND WELL-BEING

7.3 Good Health And Well-being

Has this goal been identified by your company as a priority?

Please select answer ⌄   ⚑

Has your company set relevant targets to advance this goal?

Please select answer ⌄   ⚑

    Yes

    No

    I don't know

Do...   ...urrently take action on this goal?

Please select answer ⌄   ⚑

Is your company's business strategy explicitly aligned with this goal?

Yes ⌄

Please describe in more detail the work you are undertaking to contribute to this Goal

The design approach promoted by ScreenFrontier is focused on the aesthetic of simplicity and usability.

We want to avoid creating an extra cognitive load for the user, therefore, all available interactions should follow the path of least resistance. The result puts out an easy-to-navigate, intuitive, clean interface that allows the user to focus on what matters most: working the data.

The UNGC design style guideline was employed, complementarily, along with an additional color palette specially created to support accessibility.

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G.

The entire technology stack, back to front, takes on a pure, functional approach to programming.
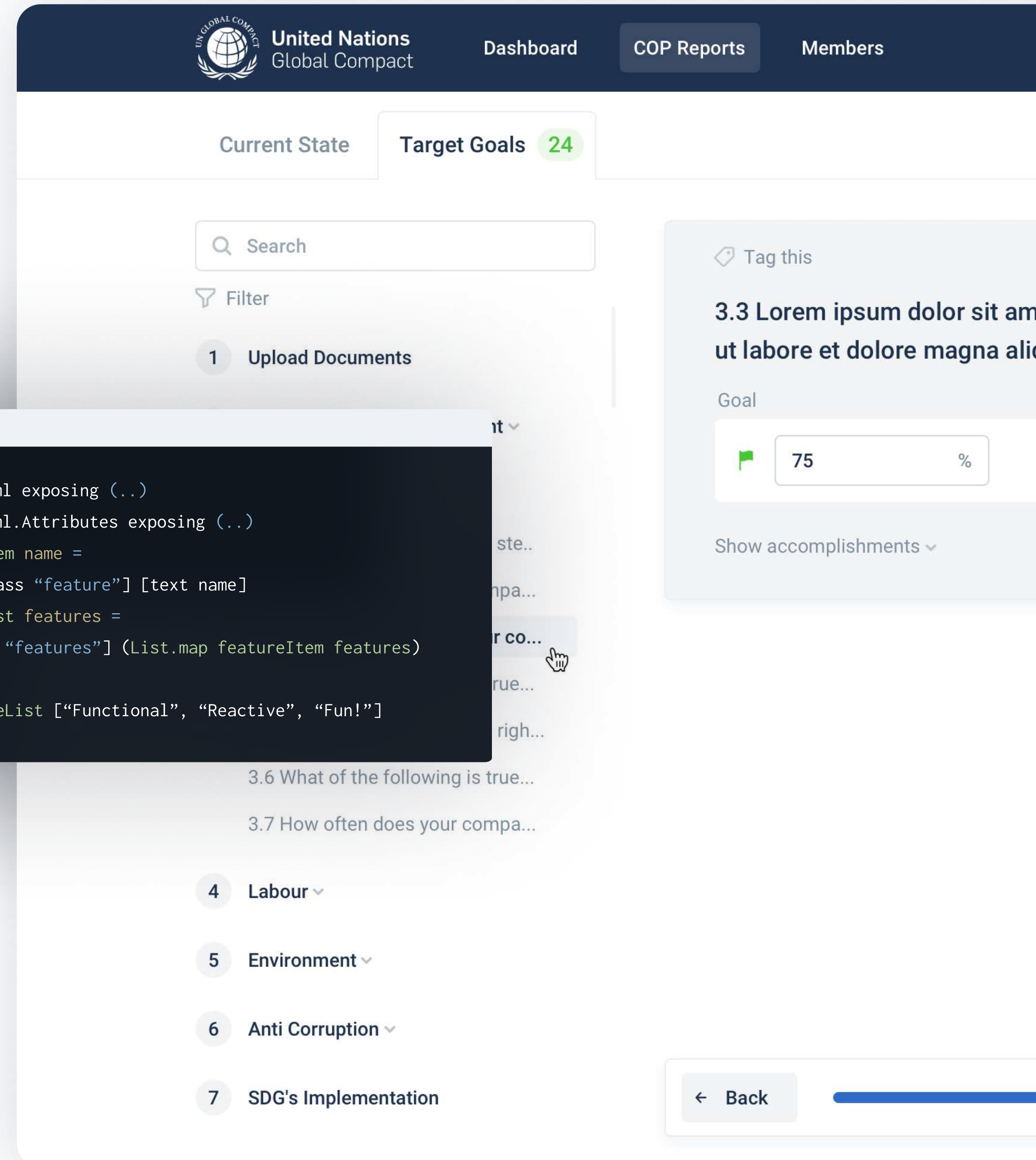
A functional approach provides hassle-free development cycles by minimizing runtime errors, enabling fast and reliable code refactoring, providing friendly error messages, and increasing developer productivity.

G.

07
FRONT-END

The frontend is built with ELM, a fully functional "batteries-included" frontend language inspired by Haskell. Elm comes with embedded application architecture and a strictly regulated library ecosystem.

View functions are all happy building blocks that compose well from small, focused functional components to extended scenarios and then entire pages in accordance with the atomic design approach for highly maintainable frontends. This approach gives more flexibility to quickly test different user scenarios while keeping the costs in check.

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1   Upload Documents

```elm
1   import Html exposing (..)
2   import Html.Attributes exposing (..)
3   featureItem name =
4      li [class "feature"] [text name]
5   featureList features =
6      ol [id "features"] (List.map featureItem features)
7   main =
8      featureList ["Functional", "Reactive", "Fun!"]
```

3.6 What of the following is true...

3.7 How often does your compa...

4   Labour

5   Environment

6   Anti Corruption

7   SDG's Implementation

Tag this

3.3 Lorem ipsum dolor sit am
ut labore et dolore magna alic

Goal

75   %

Show accomplishments

← Back

The backend is built on top of Ruby on Rails, enhanced with the dry-rb collection of ruby gems, to enable clear, flexible, and more maintainable Ruby code.

The backend application, created by our friends at AgileFreaks, serves both a rest-API that strictly adheres to the json:api specification, as well as a graphql interactive interface.

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Communication on Progress

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3   Human Rights ⌃

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    3.3 At what levels within your co...

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6   Anti Corruption ⌄

7   SDG's Implementation

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☐ Investor efforts to evaluate corporate sustainability

☑ Promotes action on sustainability within the compa

☐ Comprehensive framework that includes the range

☑ Address business opportunities and risks

Optional comment...

Help   Examples

← Back   50%

While the application is mainly used on desktop machines, the application is fully functional on a myriad of mobile devices as well.