



# The Good Growth Plan

Progress Report 2021



#goodgrowthplan **Helping farmers. Fighting climate change.**

# About this Good Growth Plan Progress Report 2021

The data contained in this Good Growth Plan Progress Report 2021 is for the following operations of Syngenta Group: **Syngenta Crop Protection, Syngenta Seeds and the operations of Syngenta AG group that now form part of Syngenta Group China** – referred to as ‘**Syngenta**’ or ‘Syngenta AG group in this report. Syngenta AG group encompasses Syngenta AG, a company domiciled and incorporated in Switzerland, and all of its more than 150 subsidiaries globally. Information and data presented in this report reflect the activities within this scope, if not otherwise specified.

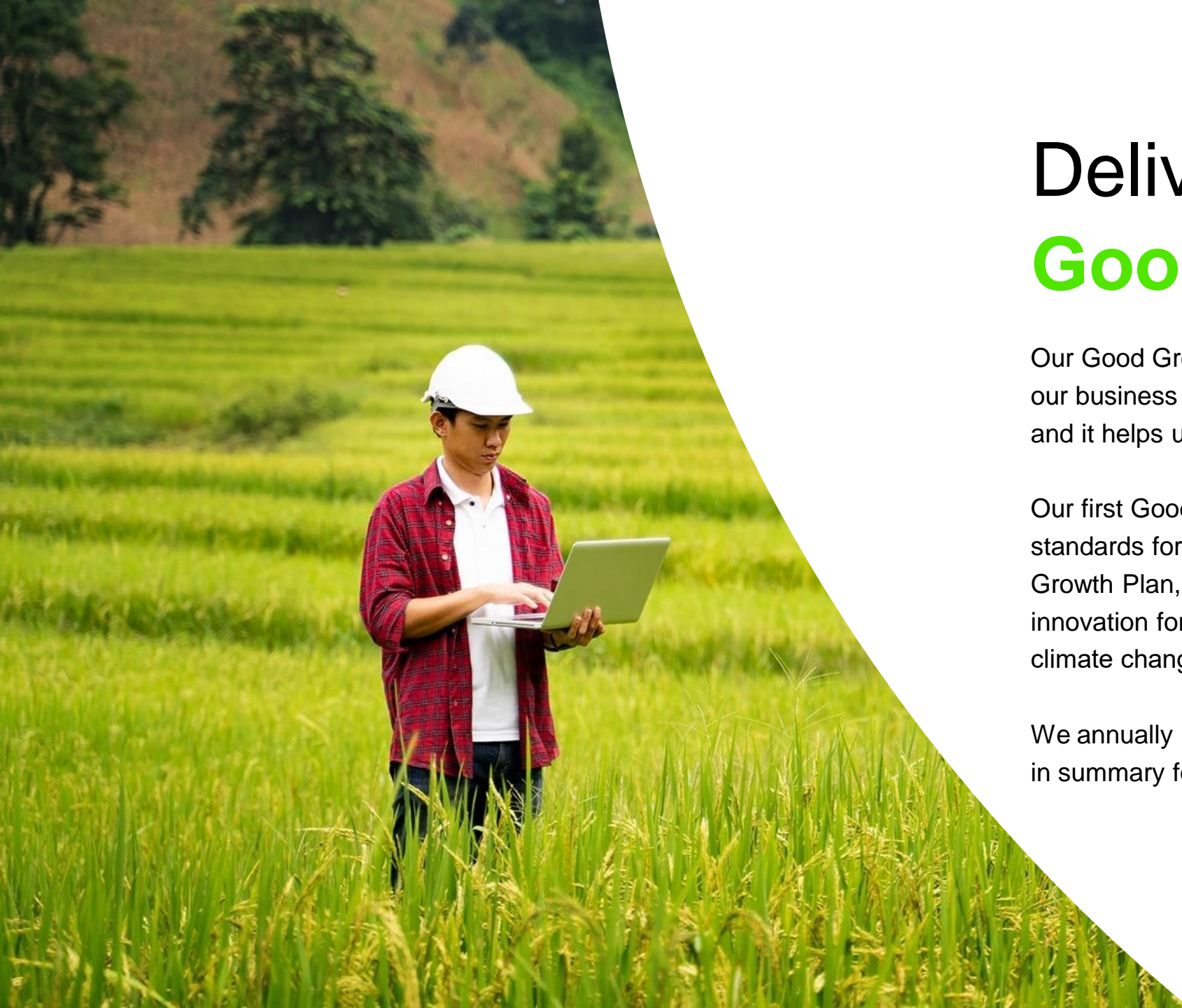
Information and data in this Good Growth Plan Progress Report 2021 is presented in more detail in Syngenta AG group’s Environmental, Social and Governance (ESG) Report 2021, which can be found at: [www.esg-reporting.syngenta.com](http://www.esg-reporting.syngenta.com).

Data presented in this report represents the period October 1 to September 30, if not otherwise specified in the ESG Report. The non-financial performance indicators aggregated as of and for the twelve months ended September 30, 2021 presented in the Non-financial performance summary of the ESG Report have been externally assured.

We have started to transition our ESG reporting to encompass the Syngenta Group but aligning our ESG disclosures and reporting processes across the new organization takes time. We expect to publish our first Syngenta Group ESG report in 2023. Meanwhile, Syngenta Group business units remain committed to publishing their own ESG reports.

The Good Growth Plan Progress Report 2021 was published on March 31, 2022.

Should you have any questions, please contact us at: [sustainability.syngenta@syngenta.com](mailto:sustainability.syngenta@syngenta.com)



# Delivering on our Good Growth Plan

Our Good Growth Plan puts sustainability at the center of our business and innovation. It is key to ensure our success and it helps us meet our commitment to the UN SDGs.

Our first Good Growth Plan, launched in 2013, set new standards for sustainable agriculture. Our current Good Growth Plan, launched in 2020, focuses on accelerating innovation for farmers and puts the urgent fight against climate change at the heart for farming's productive future.

We annually report on our progress in our [ESG Report](#) and in summary form in this document.

# The Good Growth Plan: 2020 commitments and targets for 2025

## Accelerate innovation for farmers and nature

- Invest USD 2 billion in **sustainable agriculture** breakthroughs
- Deliver two new sustainable technology **breakthroughs** per year
- Strive for the **lowest residues** in crops and the environment



## Strive for carbon neutral agriculture

- Measure and **enable carbon capture** and mitigation in agriculture
- **Enhance biodiversity** and soil health on 3 million hectares of rural farmland every year
- Reduce the **carbon intensity** of our operations\* by 50% by 2030



## Help people stay safe and healthy

- Goal **zero incidents** in our operations
- Train 8 million farm workers on **safe** use every year
- Strive for **fair labor** across our entire supply chain



## Partnering for impact

- Build **cohesive partnerships** and publish their sustainability objectives
- Launch **innovation dialogues** for inclusive consultation on sustainability
- Board-level governance of **sustainability**



**HELPING FARMERS. FIGHTING CLIMATE CHANGE.**

\* Syngenta AG group operations

# The Good Growth Plan: Our progress in 2021\*

## Accelerate **innovation** for farmers and nature



USD 546 million invested in sustainable agriculture breakthroughs

Launch of two sustainable technology breakthroughs:

- Elestal® (Spiropidion)
- MAP BeSide™

1.6 million tonnes of crop produced with programs for lowest residues in crops

## Strive for **carbon neutral** agriculture



~3 million tonnes CO<sub>2</sub>e of carbon benefit potential on farmland\*\*

7.5 million hectares of farmland benefited by soil conservation and biodiversity enhancement measures

10% increase in CO<sub>2</sub>e emissions intensity of our operations since our 2016 baseline

## Help people stay **safe and healthy**



0.29 recordable injury and illness rate (IIR) per 200,000 hours

11.0 million people trained on safe use

99.5% of suppliers included in sustainability and fair labor programs

## Partnering for **impact**



Scaled up strategic partnership programs with The Nature Conservancy and Solidaridad

Continued working with partners in the food value chain

Carried on with the innovation dialogues started last year

\* Covers Syngenta AG group, which includes the following operations of Syngenta Group: Syngenta Crop Protection, Syngenta Seeds and the operations of Syngenta AG group that now form part of Syngenta Group China

\*\* Value calculated based on annual mitigation potentials outlined in the IPCC fourth assessment report for soil conservation and biodiversity enhancement projects

# Contributing to the UN Sustainable Development Goals (SDGs)



The UN SDGs underscore the relevance of our Good Growth Plan

# In focus: Helping farmers mitigate and adapt to climate change

**Healthy roots:** Seed treatment technology, such as our VIBRANCE™ fungicide, supports stronger, healthier root mass, which helps sequester carbon in the soil and increase yield

**Feed efficiency:** ENOGEN® Feed corn delivers feed efficiency gains over regular rolled corn, reducing the carbon footprint of animal protein production

**Nitrogen efficiency:** Biostimulants, such as those from our Valagro portfolio and new nutrient efficiency traits, optimize nutrient uptake by plants and help reduce GHG emissions from fertilizers

**Yield increase:** Protecting crops from weeds, insects and diseases with modern pesticides and new traits improves the vigor of plants, making them more resilient to droughts and floods, heat and cold, resulting in increased land productivity and reducing GHG emissions from avoided land conversion

**Regenerative management practices:** We help growers adopt climate-smart practices. Combined with permanent crop cover strategies, these practices can turn agricultural fields into carbon sinks, helping to remove carbon dioxide from the atmosphere



**We are constantly working to find ways to measure the benefits our solutions bring to climate and nature.**

**We support accounting efforts in this space and call on peers and other stakeholders to collaborate with us.**

**Our product and service innovations improve the water productivity of plants, increase yield and feed efficiency, reduce food loss and waste and help sequester and mitigate loss of carbon in the soil**

# Accelerating innovation for farmers and nature

Delivering game-changing tools that address the needs of farmers and consumers



**USD 546 million**

invested in sustainable agriculture breakthroughs

**2**

sustainable technology breakthroughs:

- Elestal® (Spiropidion)
- MAP beSide™

**1,632,000**

tonnes of crop produced with programs for lowest residues in crops



# Accelerating innovation for farmers and nature

## Proof points



### We invested **USD 546 million** in 2021

reaching over USD one billion in just two years of our renewed Good Growth Plan.

### Our **2021 investment** was mainly driven

by R&D investments in crop protection and seeds and the strategic acquisition of Valagro, a leading biologicals company.

### Our new insecticide active ingredient **Spiropidion**,

marketed as ELESTAL®, provides farmers with an important new tool for Integrated Pest Management.

### Our **Modern Agriculture Platform beSide™** program

helps farmers grow high-quality, traceable crops in a climate-smart way, which they can then sell to commercial buyers at premium prices.

### Through 65 programs for **lowest residues** in crops,

we helped farmers produce over 1.6 million tonnes of crops – this equals the recommended daily intake of fruits and vegetables by 4.1 million people.

# Striving for carbon neutral agriculture

The health of agricultural land is directly linked to the health of the broader ecosystem



**3,038,000**

tonnes CO<sub>2</sub>e of carbon benefit potential on farmland

**7.5 million**

hectares of farmland benefited by soil conservation and biodiversity enhancement measures

**10%**

increase in CO<sub>2</sub>e emissions intensity of our operations\* since our 2016 baseline

\* Syngenta AG group operations

# Striving for carbon neutral agriculture

## Proof points



In 2021, we accounted for a **carbon benefit potential** on farmland of over **3 million tonnes** of CO<sub>2</sub>e.

Introduced last year, this KPI was developed by Syngenta as a first attempt to quantify the contribution our solutions can make to mitigate climate change.

We conducted **81 soil health projects** and **61 biodiversity projects** benefiting **7.5 million hectares** of farmland.

Latin America accounted for almost half of the soil hectares and North America for most of the biodiversity hectares.

**Scope 1+2+3 emissions intensity** increased by **10%** since our 2016 baseline.\*

We succeeded in reducing our scope 1+2 GHG emissions, driven mainly by efficiency gains in our operations, decarbonization in the energy purchased and enhancements in reporting. Our scope 3 emissions represent 93% of our total carbon footprint. Reducing them is a high priority and significant work is ongoing across the organization to do so.

At the same time, we continue our to provide innovative solutions and encourage the use of agricultural practices that help farmers mitigate climate change.

\* Syngenta AG group operations

# Help people stay safe and healthy



Creating and maintaining safe, healthy and fair working environments

**0.29**

recordable injury and illness rate (IIR) per 200,000 hours\*

**11.0 million**

people trained on safe use

**99.5%**

of suppliers included in sustainability and fair labor programs\*

\* Syngenta AG group operations

# Help people stay safe and healthy

## Proof points



In 2021, the recordable **injury and illness rate** (IIR) increased to 0.29.\*

This increase is relative as the number of injuries in 2020 was significantly lower than in the previous years, likely due to the prevailing COVID-19 measures, which led to more cautious behavior. We aim to achieve an IIR target of 0.25 by 2025, and we continue implementing HSE programs to reach this target.

In 2021, more than 99% of our suppliers continued to be covered by our well-established **sustainability and fair labor programs**\*,

a slight increase compared to last year.

Driven by innovative online training approaches, **11 million people** were **trained on the safe use** of products, including 6.6 million smallholders.

Asia Pacific and China accounted for 97% of people and 99% of smallholders trained. The digital platforms we developed in response to the pandemic allowed us to keep equipping farm workers with the knowledge they need.

\* Syngenta AG group operations

# Partnering for impact

## Changing the face of agriculture together



Scaled up strategic partnership programs with **The Nature Conservancy (TNC)** and **Solidaridad**

Continued working with our partners in the food industry to promote **sustainable agricultural practices**

Scaled up **ENOGEN® Feed** following last year's innovation dialogue. Conducted **Palm oil** innovation dialogue in South-East Asia

# Partnering for impact

## Proof points



In 2021, we scaled up strategic partnership programs with **TNC**. In particular, we expanded on-the-ground work in flagship projects.

**Reverte** (Brazil) seeks to return more than one million hectares of degraded land in the Cerrado region to profitable agricultural production.

**Run Tian** (China) aims to encourage farmers to improve air quality, sequester carbon in the soil and improve their income.

**Dairy Feed in Focus** (US) collaborates to support and scale the adoption of best practices in feed and forage production and feed efficiency on dairy farms through the US Dairy Net Zero Initiative.

We also expanded our partnership with **Solidaridad** to develop and implement sustainable solutions for smallholders.

Training smallholders from the Gansu Province (China) on good agricultural practices for **cotton production**, financial literacy and market requirements as well as working to improve technology adoption and market connectivity.

Introducing technical solutions among **horticulture smallholders** in the East-Western regions of Kenya aimed at improving product quality and yield to serve local markets.

# Partnering for impact

## Proof points (cont.)



In 2021, we kept working to promote climate change resilience for coffee plantations in Vietnam with three **value chain partners**,

Louis Dreyfus Company, Jacobs Douwe Egberts and IDH The Sustainable Trade Initiative. Since 2016, we have trained over 7,200 farmers, group leaders and agronomists on sustainability issues, eliminating overuse and unsafe use of pesticides.

We also continued partnering with the **Syngenta Foundation for Sustainable Agriculture**

and jointly participated in debates on agricultural development at the Africa Green Revolution Forum and other conferences.

Building on the work done in 2020 at our first **Innovation Dialogue on ENOGEN® feed**,

we conducted further research on the potential for beef producers to reduce their environmental footprint by using ENOGEN® for livestock feed.

At our **South-East Asia Palm Oil Innovation Dialogue**,

we convened multiple players from the production system sector to discuss how to drive system-wide change.



# ESG 2021 Highlights



## What we've achieved beyond the Good Growth Plan

Appointed a new Chief Sustainability Officer and established a new Sustainability Committee at the Syngenta Group Board level to oversee our sustainability activities

Kept working toward gender pay equity across the organization

Strengthened our efforts against illicit trade protecting our corporate brand, the health of users and the public, and the environment

Signed the Business Declaration for Food Systems Transformation at the 2021 UN Food Systems Summit, and the Innovative Finance for the Amazon, Cerrado and Chaco Declaration at the World Leaders' Summit at COP26

Increased demand for sustainability-enabling products and services translated into strong financial results

Improved our Sustainalytics rating to medium risk in line with the industry and maintained our A- score in the CDP climate change and water security submissions

Revised our D&I strategy, strengthening our focus on inclusive workplaces, and continued to foster a culture that encourages everyone to take care of their mental health and wellbeing

Completion rate of our Code of Conduct commitment reached 99.9%

Syngenta employees volunteered in the Syngenta Foundation for Sustainable Agriculture's Seeds for Impact program at small African seed companies



## ESG Report 2021

[www.esg-reporting.syngenta.com](http://www.esg-reporting.syngenta.com)

# Reporting on sustainability

Syngenta has been reporting on a wide range of sustainability topics for many years.

Our **Syngenta Environment, Social and Governance (ESG) Report** covers Syngenta Crop Protection, Syngenta Seeds and the Syngenta AG operations that now form part of Syngenta Group China.

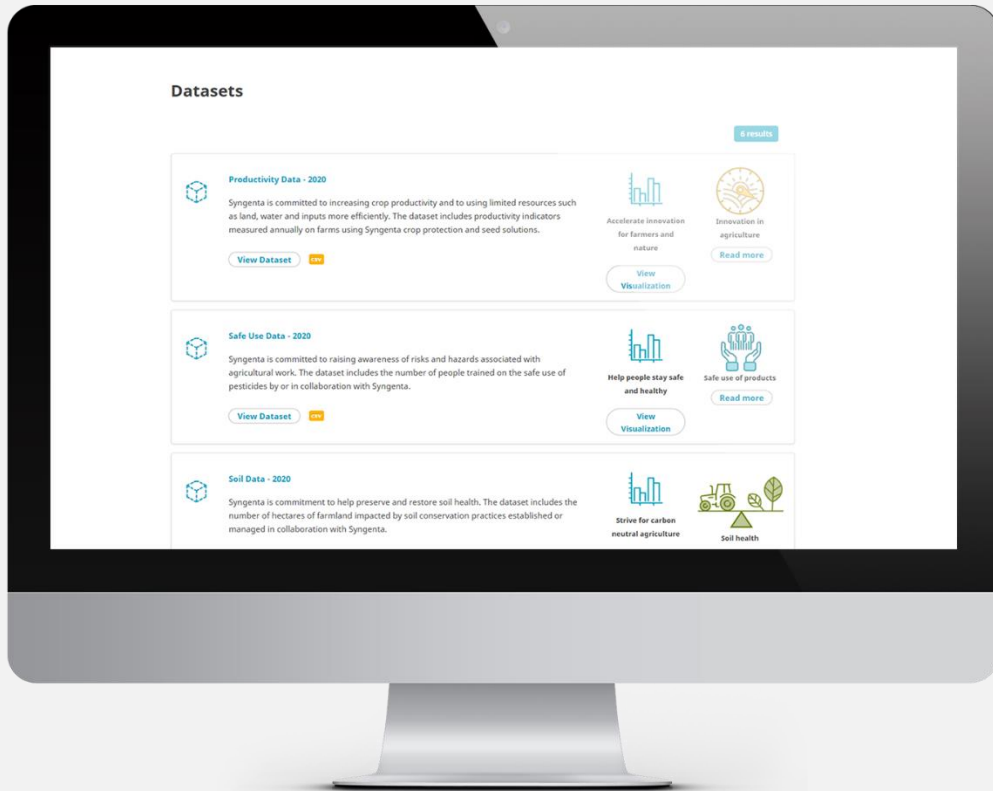
It addresses non-financial reporting requirements from selected **reporting standards and frameworks** (GRI, SASB, TCFD, UNGC) and information needs from ESG rating agencies, investors and other stakeholders.

Importantly, it also includes the KPIs that measure our progress toward the goals of our **Good Growth Plan**.

→ We have started to transition our ESG reporting to encompass the **Syngenta Group**. We expect to publish our first Syngenta Group ESG Report in 2023.

# Good Growth Plan Open Data

## Building transparency to better inform about sustainable farming practices



Since we launched the first Good Growth Plan in 2013, Syngenta has publicly shared Good Growth Plan Open Data. We use Open Data Institute (ODI) certificates to meet best practice standards that make data searchable, usable by all and shareable are applied.

With our current Good Growth Plan, we are continuing with this practice and publishing open data on the following topics: soil health, biodiversity, carbon benefit potential on farmland, safe use of products and land productivity.

All **micro-level farm data** from our first Good Growth Plan has been shared with the Food and Agriculture Organization (FAO) to support the monitoring of development trends such as the SDGs. The data is available in the Food and Agriculture Microdata Catalogue ([FAM](#)). Moving forward, we will continue sharing farm data with the FAO from specific areas of the world.

[www.data.syngenta.com](http://www.data.syngenta.com)

**Thank you**  
for staying with us  
on our sustainability  
journey!



We take pride in what we have achieved, but our work has only begun. I am amazed by the skills, talent and commitment of our people, customers and partners, and by the opportunities that lie ahead of us.

Thank you for your interest in the vital work we are doing at Syngenta. We invite you to partner with us on the exciting journey ahead.

**DANIEL VENNARD**  
Chief Sustainability Officer





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