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VALAGRO FOR FUTURE FARMING INDIA: a step forward in the sustainable agriculture

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The importance of Agriculture for Indian economy

Agriculture plays a vital role in India's economy

AGRICULTURE ACCOUNTS FOR



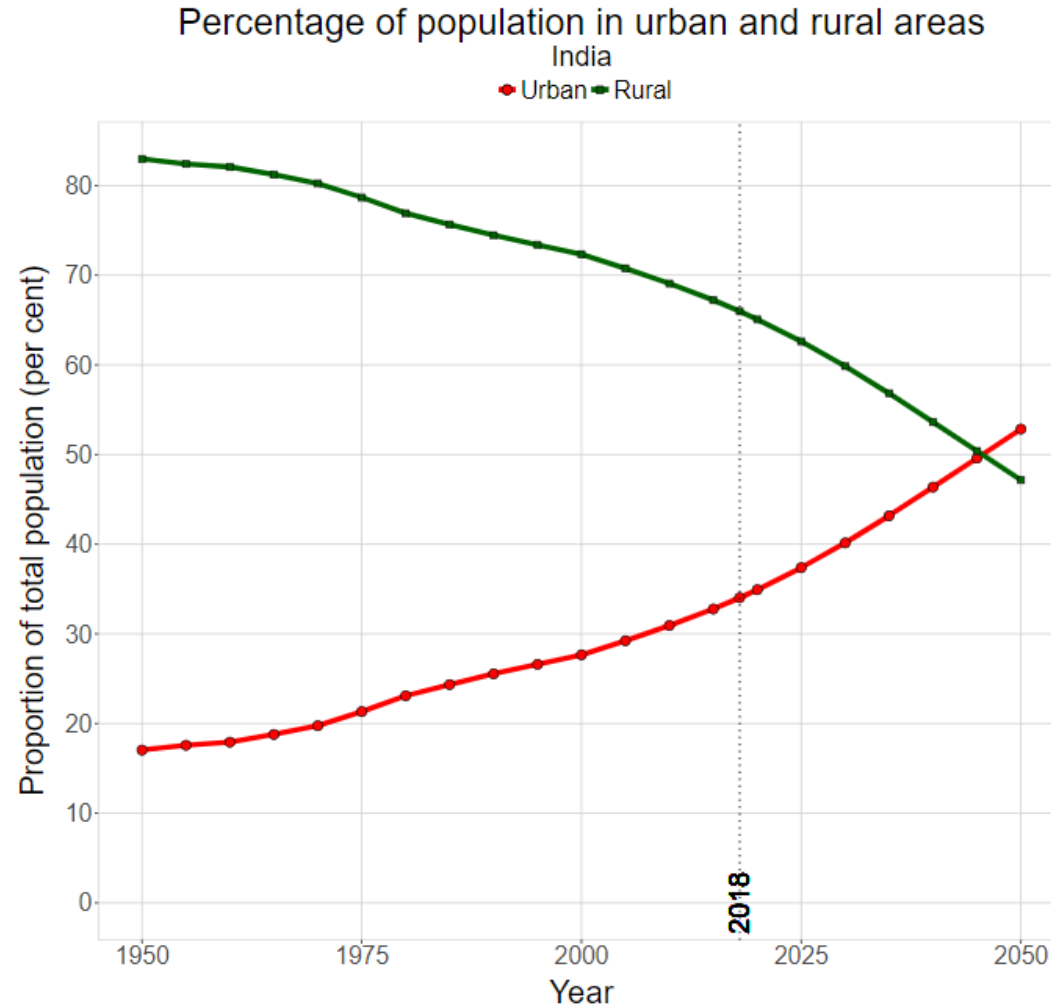
*Economic Survey 2017-18 Government of India Ministry of Finance Department of Economic Affairs Economic Division
January, 2018*

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The real India

Agriculture plays a vital role in India's economy



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Majority of the people are living in the villages and therefore, the people at large still believe that

” rural India is the real India.”

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The question is

Does sustainability matter?

Does the Indian Agriculture need to be more sustainable?

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What's the position of the CG

Steps already taken about the ag sustainability

The **Government of India** took several steps for the ag sustainable development in order to

- improve the **soil fertility**
- improve the access to **irrigation**
- enhance the **water use efficiency**
- support **organic farming**



What's the position of the CG

Steps already taken about the ag sustainability



The CG of India has also played a key role in the definition of the **United Nations Development Programme**.

“End hunger, achieve food security and improved nutrition and promote **sustainable agriculture**” is one of the 17 goals set by 193 countries in terms of Sustainable Development Goals (SDGs).



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**What are the main concerns
in terms of Sustainability?**

The main issues in terms of sustainability

Soil fertility

It has been estimated that **out of the total 140 million ha**,
nearly **120 million ha** of soil suffer from varying degrees of **degradation**

Average consumption of fertilizers increased from **70 Kg/ha in 1991-92**
to **128 Kg/ha in 2014-15**

State of Indian Agriculture 2015-16 - Government of India Ministry of Agriculture & Farmers Welfare Department of Agriculture, Cooperation & Farmers Welfare Directorate of Economics & Statistics New Delhi

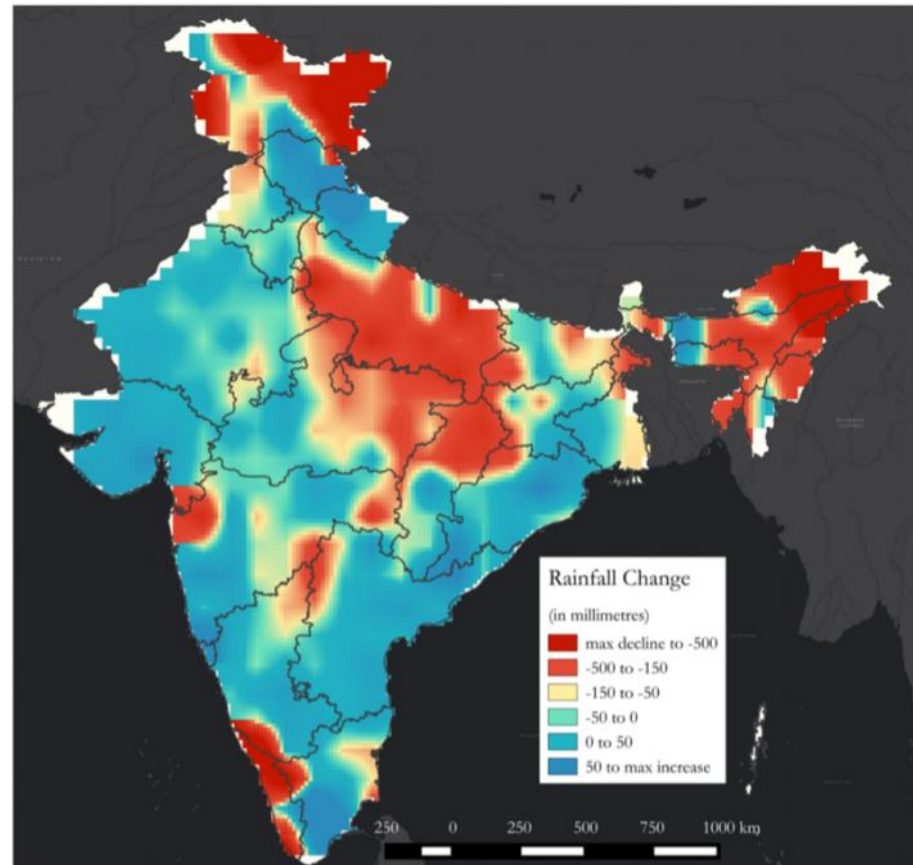
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The main issues in terms of sustainability

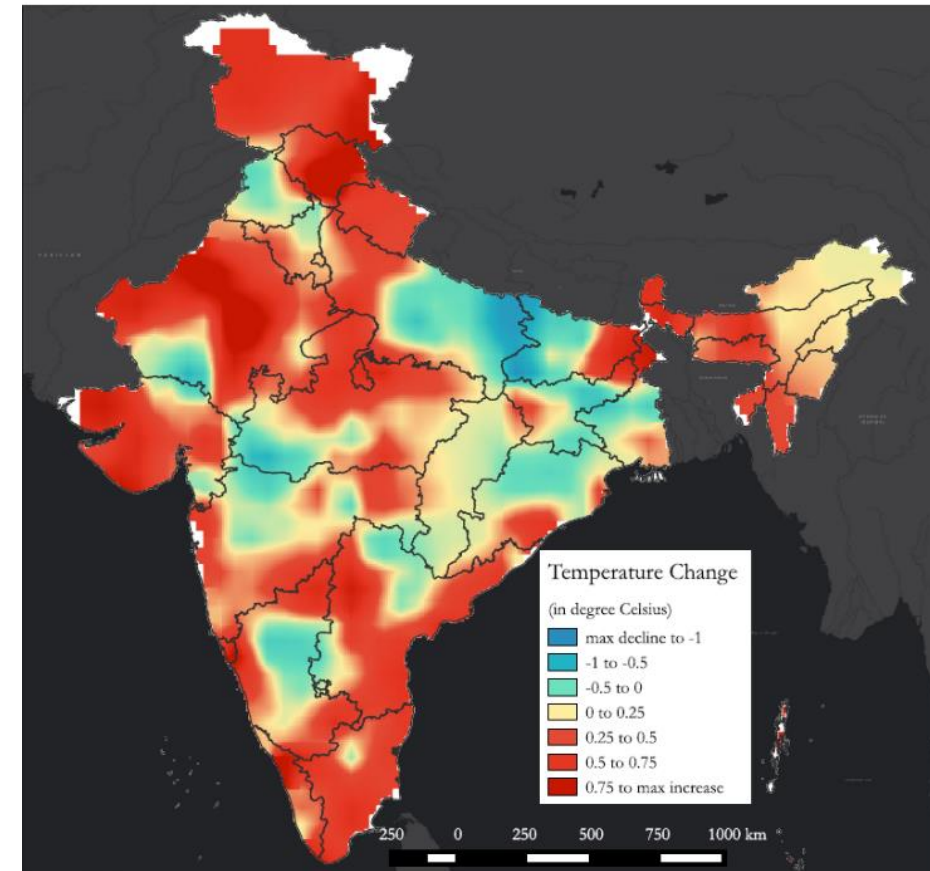
Climate Change – Rainfall, average temperature

Figure 8b. Spatial Changes in Rainfall
(change in average rainfall between the last decade and 1950-1980 period)



Source: Survey calculations from IMD data. Red (blue) denotes decreasing (increasing) rainfall.

Figure 8a. Spatial Changes in Temperature
(change in average temperature between the last decade and 1950-1980 period)



Source: Survey calculations from IMD data.*Red (blue) denotes rising (falling) temperature.

Economic Survey 2017-18 - Government of India Ministry of Finance Department of Economic Affairs Economic Division January, 2018

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The main issues in terms of sustainability

Use/Abuse of old chemicals

Phosphamidon, Endosulfan, Alachlor & Monochrotophos, etc.



Vidarbha, MH

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Yes,
a more **sustainable Agriculture** is a
crucial target in India

What's the way forward?

Different ways

Bucolic (100% organic)



No vision (100% chemicals)



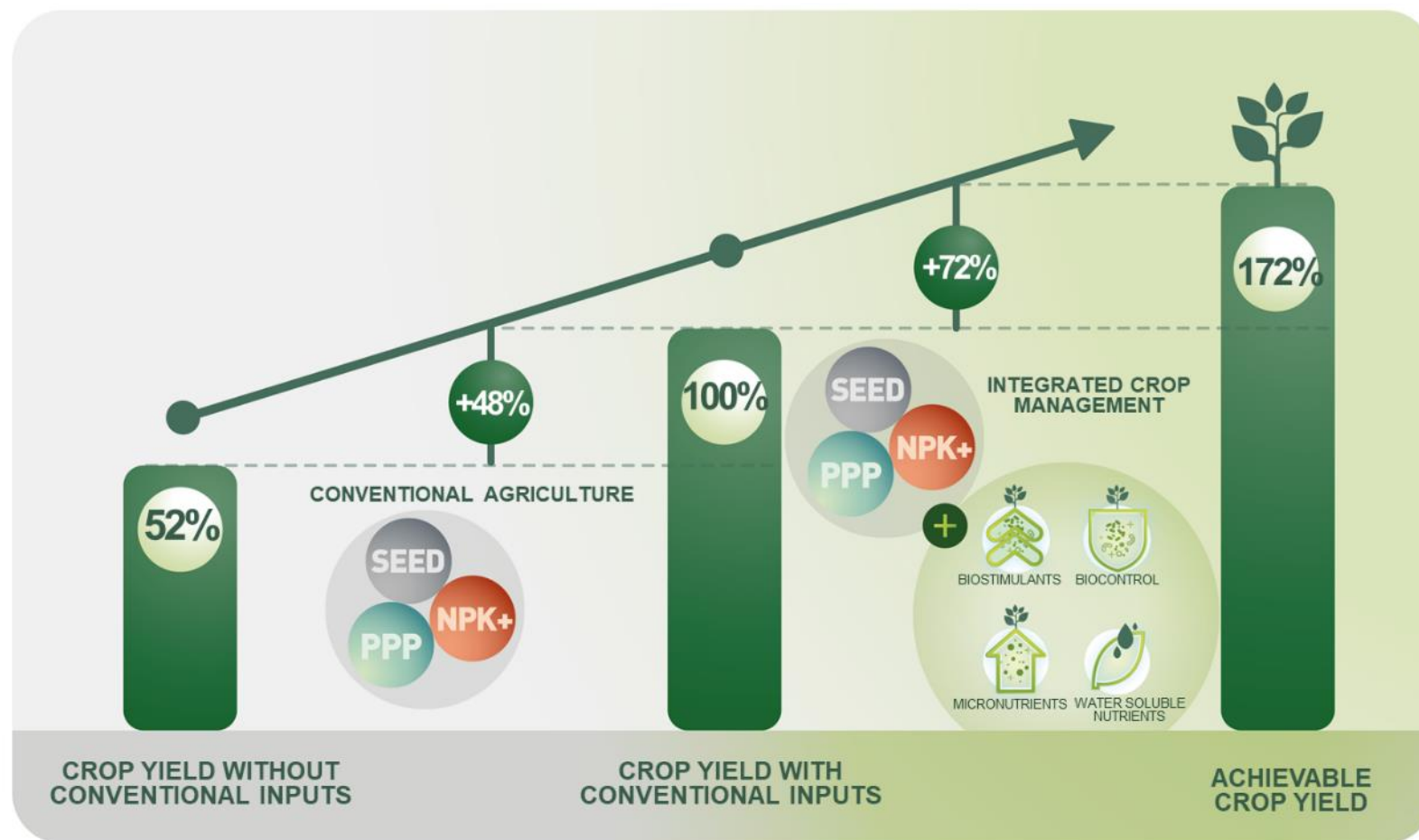
**Scientific/pragmatic vision
(ICM)**



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The AG paradigm change

From conventional inputs towards the ICM



Source: UBS Expert Conference call on BioAgriculture presentation slide, 16 May 2014

3.4% - the real income of farmers has grown at this rate between 1993 and 2016

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Valagro contribution to the Future Farming of India

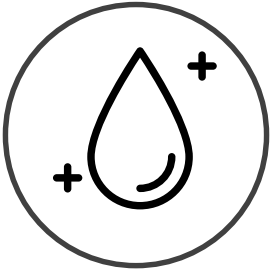
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The Valagro offer for the sustainability of the AG

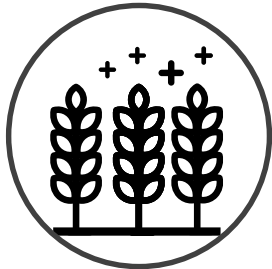
A full line of efficient solutions

Valagro believes in **Innovation**. We deliver **solutions** able to:



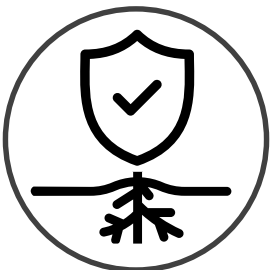
Nourish the crops with an **efficient use of the water**

Advanced **Water Soluble Fertilizers**



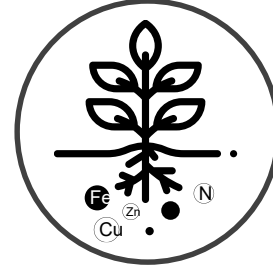
Boost the **quality** and the average **crops yield**

Chelated Micro Nutrients & Biostimulants



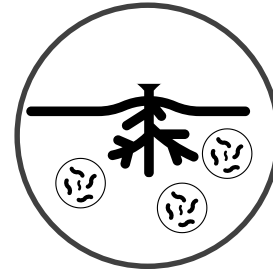
Make the **pest control more sustainable**

Biocontrol solution



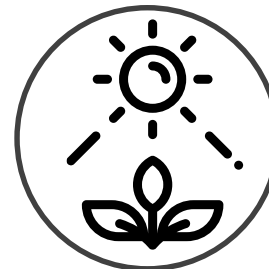
Increase the **nutrient use efficiency**

Biofertilizers and Biostimulant



Improve the **soil fertility** fostering the soil microorganism development

Biostimulant



Manage the **abiotic stresses**

Biostimulants

This is **our contribution** to the **Indian AG sustainability**

This is **our contribution** to the betterment of the **Indian Growers life**

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The Valagro offer for the sustainability of the AG

Passion and commitment to serve the Indian Farmers

as the adage goes in Hindi we have to serve the Indian Farmers
with **tann / mann / dhann se** with our body, soul, spirit



WIN THE GLOBAL CHALLENGE TOGETHER



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THANK YOU FOR YOUR ATTENTION

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