



The Sustainable Rice Platform:

Transforming the global rice sector

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1. Background

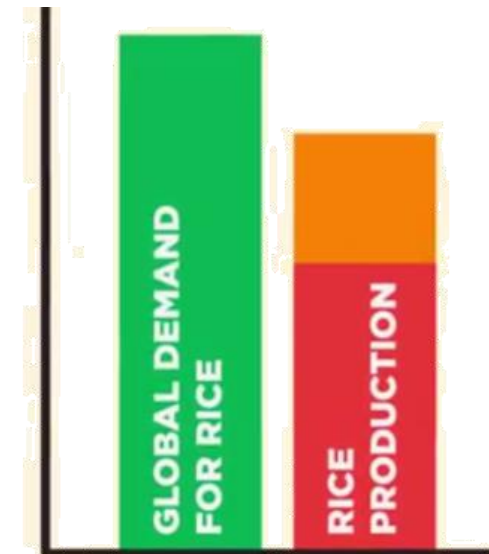


Global demand for rice is growing

Global demand for **rice** is expected to **grow** significantly by **2050**.



To meet the global demand, **rice production** needs to **increase by 25%** over the next 25 years.



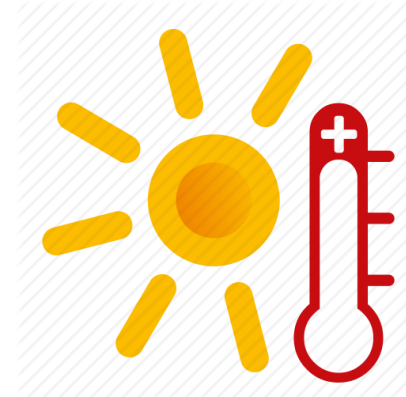
Rice is a victim of climate change...



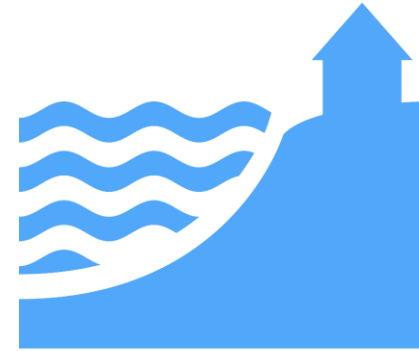
DROUGHT



FLOODING



HIGH TEMPERATURE



RISING SEA LEVEL

Rice farmers are among
the world's most **vulnerable**
to the impacts of **climate change**

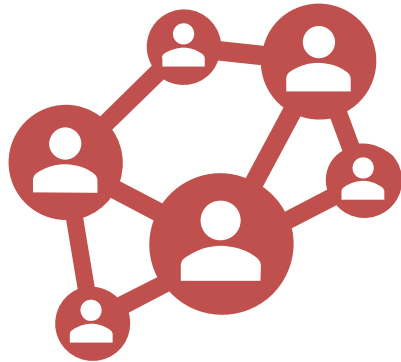
So how do we make
RICE FARMING
more sustainable?

https://www.youtube.com/watch?time_continue=132&v=fsjLJ2vrSAU

2. Overview of SRP



The Sustainable Rice Platform (SRP) is a global multi-stakeholder partnership...



Platform

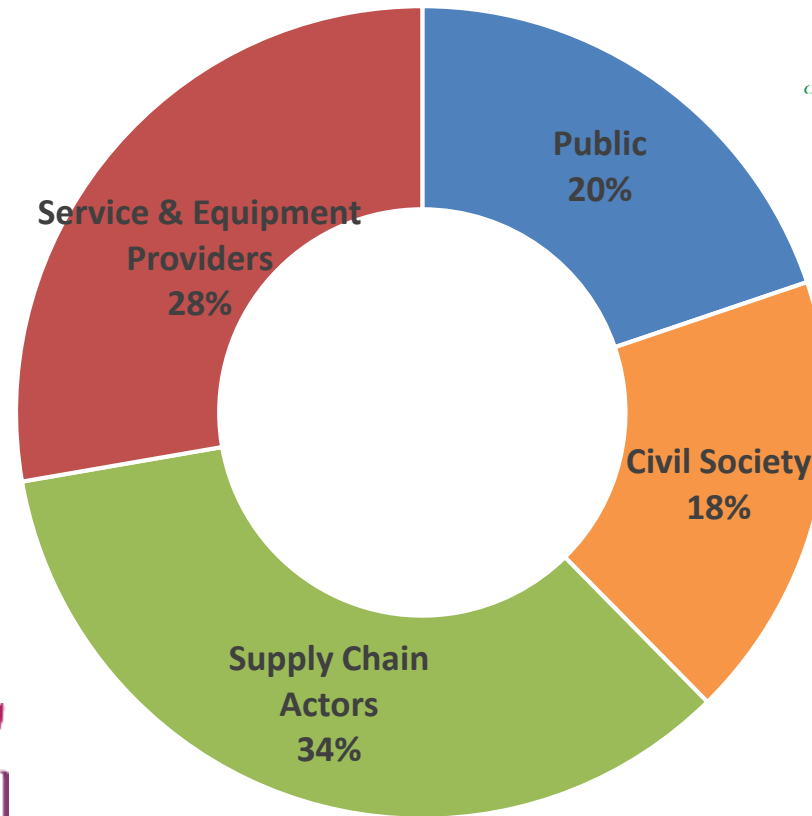


Instruments
and Norms



Catalyst

...with over 100 members working toward
a common goal



AfricaRice



Implemented by



LT Foods





**1 million farmers adopting
climate-smart, sustainable
best practice by 2021**

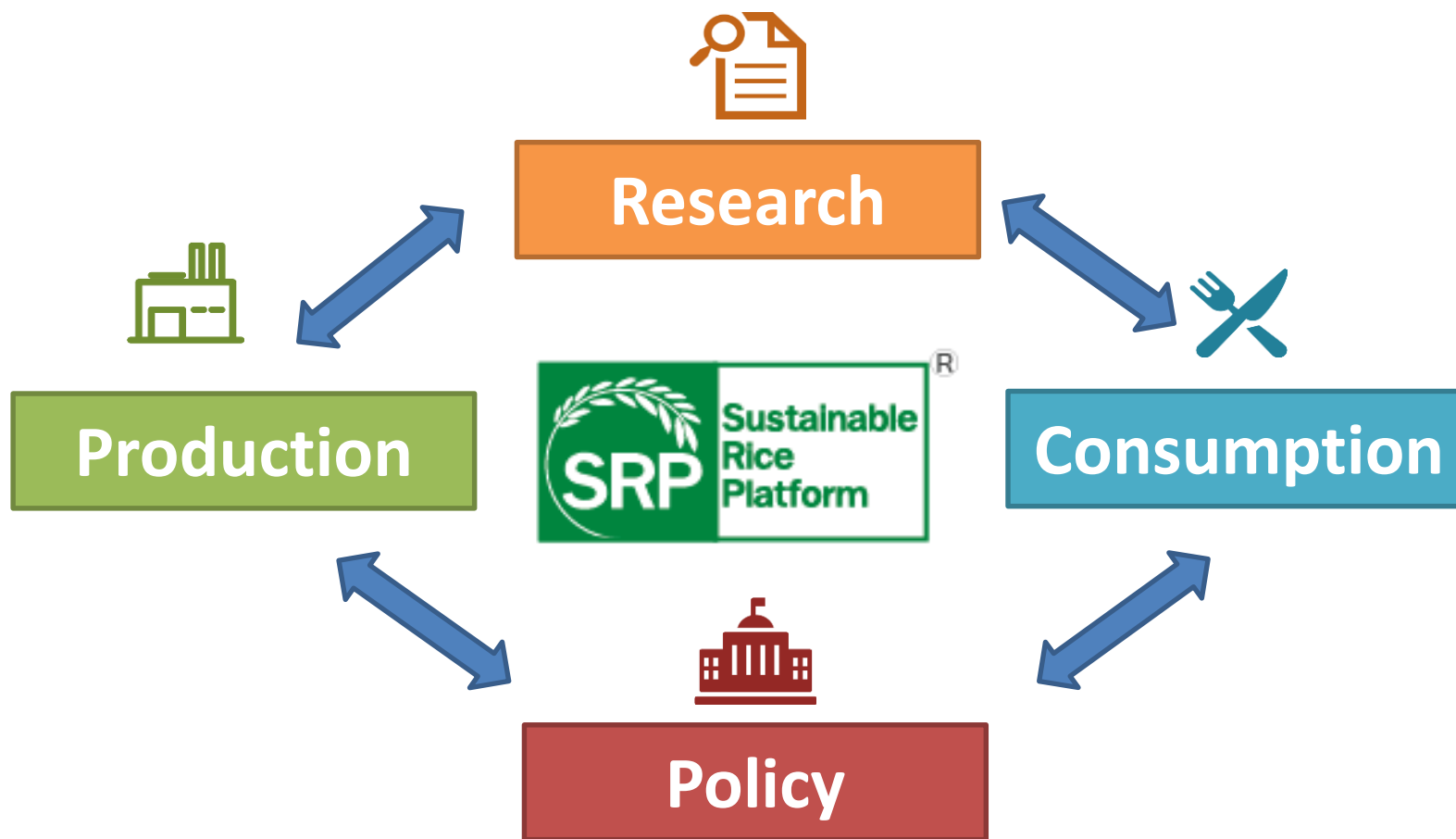
Photo by [Boudewijn Huysmans](#) on [Unsplash](#)

How can we achieve collective impact?



Photo by [Val Vesa](#) on [Unsplash](#)





SRP provides a Global “toolbox” to improve sustainable rice cultivation

- An accepted working definition of rice sustainability
- Compare sustainability of any rice system
- A normative basis for policymaking and for sustainable sourcing for private sector supply chains
- Aim at improvement and impact



SRP provides a Global “toolbox” to improve sustainable rice cultivation



SRP Standard

Best-practices of
sustainable rice
farming



SRP Performance Indicators

Measure impacts



SRP Assurance Scheme

Verify practices

SRP Standard: World's first rice sustainability standard

“The soil is safe from heavy metals such as arsenic, cadmium, chromium, mercury, and lead”

“The farmer attends training or regularly seeks professional advice”

“Efficient and site-specific nutrient management is applied”

“Children living on the farm in the age of compulsory schooling go to school all year long”

The Standard covers the following 8 themes:



Farm management



Pre-planting



Water use



Nutrient management



Pest management



Harvest & post-harvest



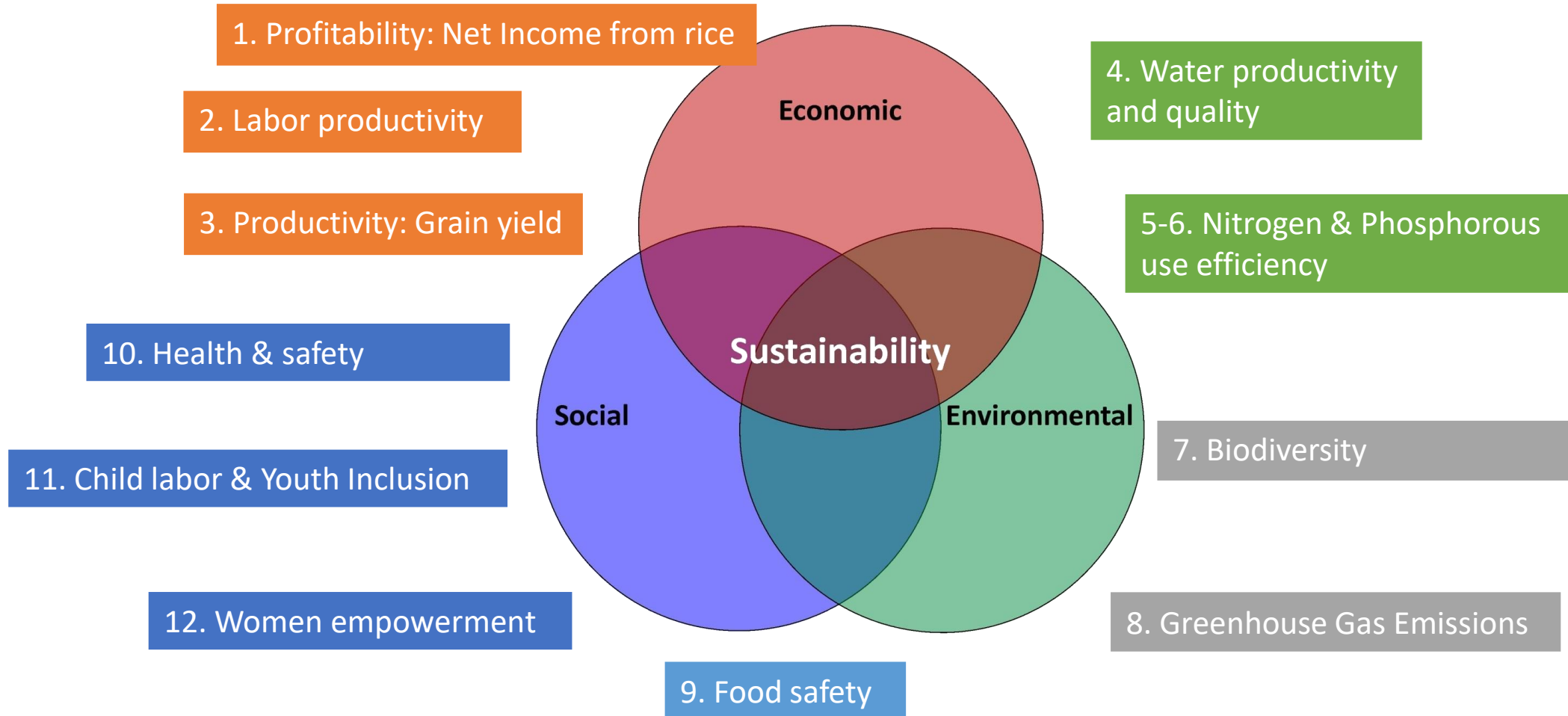
Health & safety



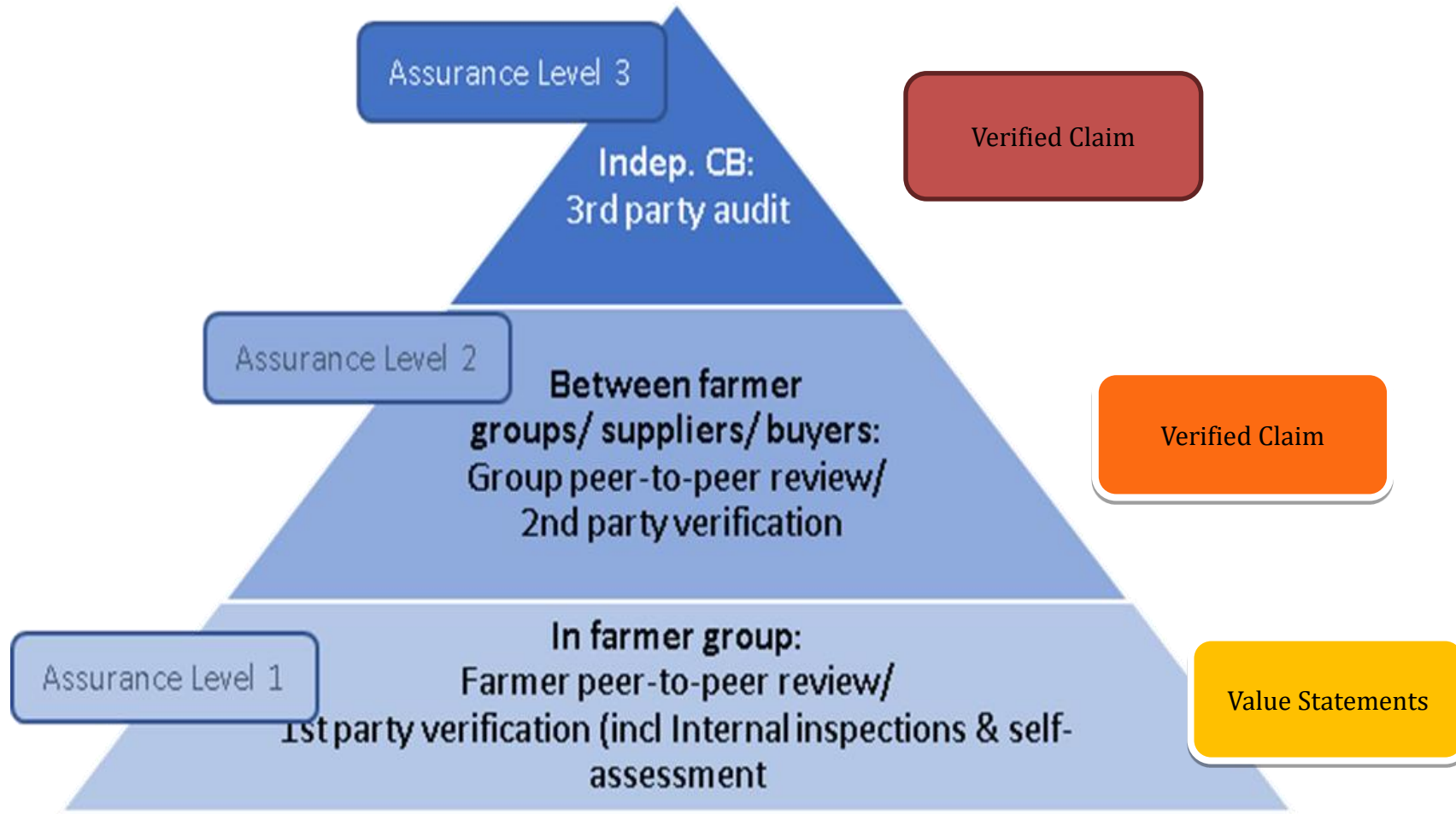
Labour rights

Photos: image collection of
the International Rice Research Institute (IRRI)

SRP Performance Indicators



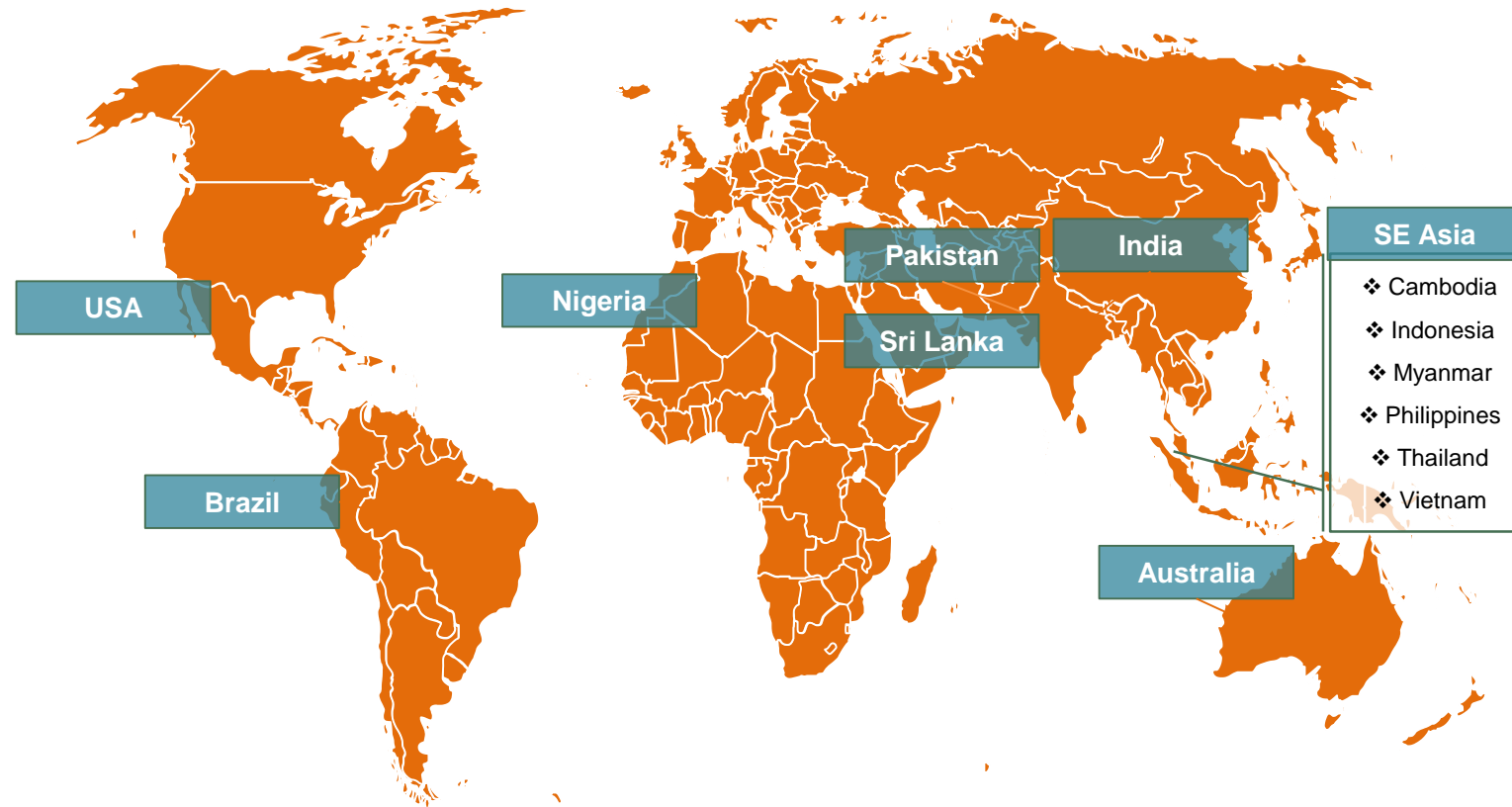
SRP Assurance Scheme



3. Impact & benefit



Multi-country field validation programme in 2016/2017



Impacts of the SRP Standard adoption

IRRI evaluated the SRP Standard validation program in 2016/17, and these preliminary data found real benefits to rice farmers and the environment.

20% water savings

50% reduction in greenhouse gas emissions

10% increase in farmers' income



Value of Sustainable Rice

What is the value of sustainably-produced rice? Consumer evidence from experimental auctions in Vietnam

Nguyen H.D. My^{a,b,*}, Matty Demont^c, Ellen J. Van Loo^a, Annalyn de Guia^c, Pieter Rutsaert^c, Tran Huu Tuan^d, Wim Verbeke^a

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as of September 2019...

500,000 farmers
in 19 countries
are

registered under SRP
projects



Benefits of sustainable rice cultivation



Access to support and markets

Improved livelihood, resilience and health



Globally recognized framework to professionalize supply base

Market access and sustainability metrics

De-risking supply chains



Improved resilience of rice farming systems

Benchmark for policy making

SDGs / Paris Agreement

4. Upscaling



Building effective value chain partnership

- ***Measure:*** A credible, robust and practical benchmark for farmers, value chain actors, governments (define, measure, inform)
- ***Incentivize:*** Mechanisms to pass benefits of climate-smart sustainable practices through the value chain
- ***Upscale:*** Collaboration and finance for wide-scale transformation at farm and policy levels





De-risk supply chains

Create market differentiation

Quantitative basis for

sustainable procurement

Policy alignment

Photo by [Brian Kraus](#) on [Unsplash](#)

Drivers of sustainable rice demand

- **Quality:** Stricter quality regulations & food safety issues are pushing brands and retailers to develop direct and transparent relationship with suppliers
- **Corporate reputation:** Retailers and brands have made sustainable sourcing commitments, while others look to reduce reputation risk
- **Market access:** Sustainable production is a way to increase access to export markets
- **Long-term business perspective:** Sustainable rice production may lessen supply concerns over increasing demand in Asia and stabilizing productivity



A practical solution for retailers

SRP can help brands, traders and retailers to:

- define, measure and monitor sustainability in their supply chains;
- link with producers of sustainable rice & verify assurance;
- collaborate on a pre-competitive level to drive scale;
- make on-pack label communication, raise consumer consciousness and drive demand for sustainable rice;
- to co-create collaborative solutions for upscaling adoption of climate-smart, sustainable best practice.

Thank you!

For more information, please contact:
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Or visit www.sustainerice.org

Facebook: /sustainericeplatform **Twitter:** @SRP_Rice

