

## Achievements by AfricaRice and its partners

### Commercialization

- Promoting packaging, branding and labeling of locally produced rice

### Innovation platforms

- Facilitating the establishment of innovation platforms within Rice Sector Development Hubs, which are improving linkages among value chain actors and identifying business opportunities to improve market outcomes

### Knowledge sharing

- Rice training modules, guides and farmer-learning videos

## Forward-looking strategy and business model

- A clear vision of success to help Africa achieve almost 90 percent self-sufficiency in rice by year 2020 – with at least 10 countries projected to reach over 100 percent self-sufficiency
- An Integrated Research-Development Business Model of the Rice Value Chain (IRDM-RVC) to decrease rice importations and accelerate the achievement of rice self-sufficiency in Africa.

Africa Rice Center (AfricaRice)



## About AfricaRice

AfricaRice is a CGIAR Research Center – part of a global research partnership for a food-secure future. It is also an intergovernmental association of African member countries.

The Center was created in 1971 by 11 African countries. Today its membership comprises 26 countries, covering West, Central, East and North African regions, namely Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of Congo, Egypt, Ethiopia, Gabon, the Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Madagascar, Mali, Mauritania, Niger, Nigeria, Republic of Congo, Rwanda, Senegal, Sierra Leone, Togo and Uganda.

AfricaRice headquarters is based in Côte d'Ivoire. Staff are located in Côte d'Ivoire and also in AfricaRice Research Stations in Benin, Ghana, Liberia, Madagascar, Nigeria, Senegal, Sierra Leone and Tanzania.

For more information visit:  
[www.AfricaRice.org](http://www.AfricaRice.org)



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# Profile of AfricaRice



**AfricaRice**



# “Rice is global and it is big business. Rice is life in Africa.”

Dr Harold Roy-Macauley,  
AfricaRice Director General



Rice has become critical for food security and political stability throughout Africa, which has a huge potential to produce enough quality rice in a sustainable manner to feed itself and in the long run to export to other regions. Despite increases in rice production in several African countries, the continent imports rice at US\$ 5 billion.

To address this challenge and contribute to poverty alleviation and food security, AfricaRice, which is the leading rice research organization in the continent, has shifted its focus to more demand- or market-driven research and is developing technologies, methods, and knowledge to realize Africa's rice promise.

**Unique Center:** AfricaRice is a CGIAR Research Center as well as an intergovernmental association of African member countries. It is the only international agricultural research center owned by African countries, with the Council of Ministers as its highest governing body.

**Origin and Membership:** It was created in 1971 by 11 African states. Today it has 26 member countries (Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of Congo, Egypt, Ethiopia, Gabon, the Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Madagascar, Mali, Mauritania, Niger, Nigeria, Republic of Congo, Rwanda, Senegal, Sierra Leone, Togo and Uganda).

Africa Rice Center (AfricaRice)



**Location:** AfricaRice headquarters is based in Côte d'Ivoire. AfricaRice has about 300 staff members including 50 internationally-recruited researchers, who are located in Côte d'Ivoire and also in AfricaRice Research Stations in Benin, Ghana, Liberia, Madagascar, Nigeria, Senegal, Sierra Leone and Tanzania.

**Partnerships:** AfricaRice collaborates with many partners, especially the national agricultural research and extension systems (NARES) in Africa, to carry out high-quality research. Its outputs are disseminated through development partners, such as NGOs, extension systems and with support from private-sector companies.

**Funding:** AfricaRice is a nonprofit organization funded by governments, foundations, the private sector, and through CGIAR. Donor contribution is critical to achieving its goal. AfricaRice operated on an annual budget of about USD 30 million.



## Achievements by AfricaRice and its partners

### Varieties

Over 200 improved rice varieties released in last 30 years in Africa:

- Popular 'NERICA' varieties growing on 1.7 million ha. NERICA adoption has lifted about 8 million people out of poverty in 16 countries
- High-performing and climate-smart 'ARICA' varieties
- High-yielding 'Sahel' varieties for irrigated ecologies: Present value of net benefits of Sahel adoption \$ 24.6 million
- More than 50 hybrids developed by AfricaRice show 15-20% yield advantage compared with inbred check.

### Crop management

- RiceAdvice decision support tool: Farmers can increase rice yield by about 20% and increase their profit margin by about \$200 per hectare per season
- Improved water management "Smart-valleys" approach: In Togo and Benin, average rice yields using Smart-valleys approach more than doubled from 1.5–2 to 3.5–4.5 t/ha
- Mechanization options: Motorized weeders, combine harvesters, threshers