

Feed a hungry world with nutritious, sustainable eggs

27 January 2015



International Egg Foundation (IEF)

- Independent charitable foundation
- Created by International Egg Commission (IEC)
- Better nutrition and food security through sustainable egg production

Goals of the International Egg Foundation

- Relieve hunger and malnutrition (especially for growing young people)
- Improve natural human immunity through education and nutrition
- Increase egg production and consumption in developing countries
- Grow egg accessibility for those in need
- Improve standards of food safety and animal welfare

Our challenge

More than **805,000,000**
people suffer from chronic hunger



*Source: Food and Agriculture Organization of the United Nations.
State of Food Insecurity in the World. Rome (2014).*

Population growth



By 2050, the **global population** will have **grown** by **30%**

Mostly in **regions** suffering from **protein deficiency**

Source: Food and Agriculture Organization of the United Nations. How to Feed the World in 2050. Rome (2009).



Feeding the world

Our vision



nutrition



accessibility



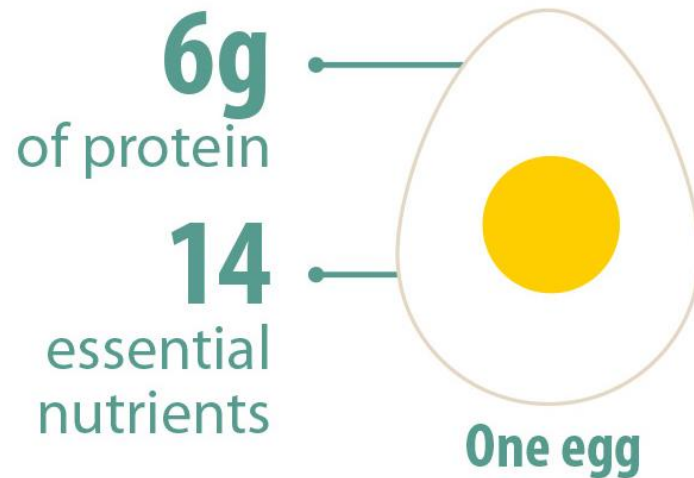
sustainability



community

Nutrition: The perfect food to feed a hungry world

Eggs are the **perfect food** for a hungry world



**vitamins A, D, E, folate,
iron, zinc and choline**

Nutrition

Biological Values of Protein

On a scale, with 100 representing top efficiency, these are the biological values of proteins in several foods.

Whole egg	93.7
Milk	84.5
Fish	76.0
Beef	74.3
Soybeans	72.8
Rice, polished	64.0
Wheat, whole	64.0
Corn	60.0
Beans, dry	58.0

Source: Food and Agriculture Organization of the United Nations. The Amino Acid Content of Foods and Biological Data on Proteins, Nutritional Study #24. Rome (1970).

Nutrition

Who benefits from high-quality egg protein:

- Undernourished families including expectant mothers, infants and children
- People participating in mass vaccination programs
- Community groups and burgeoning national associations
- New and existing farmers



Accessibility: Working alongside local farmers to establish egg operations from the ground up

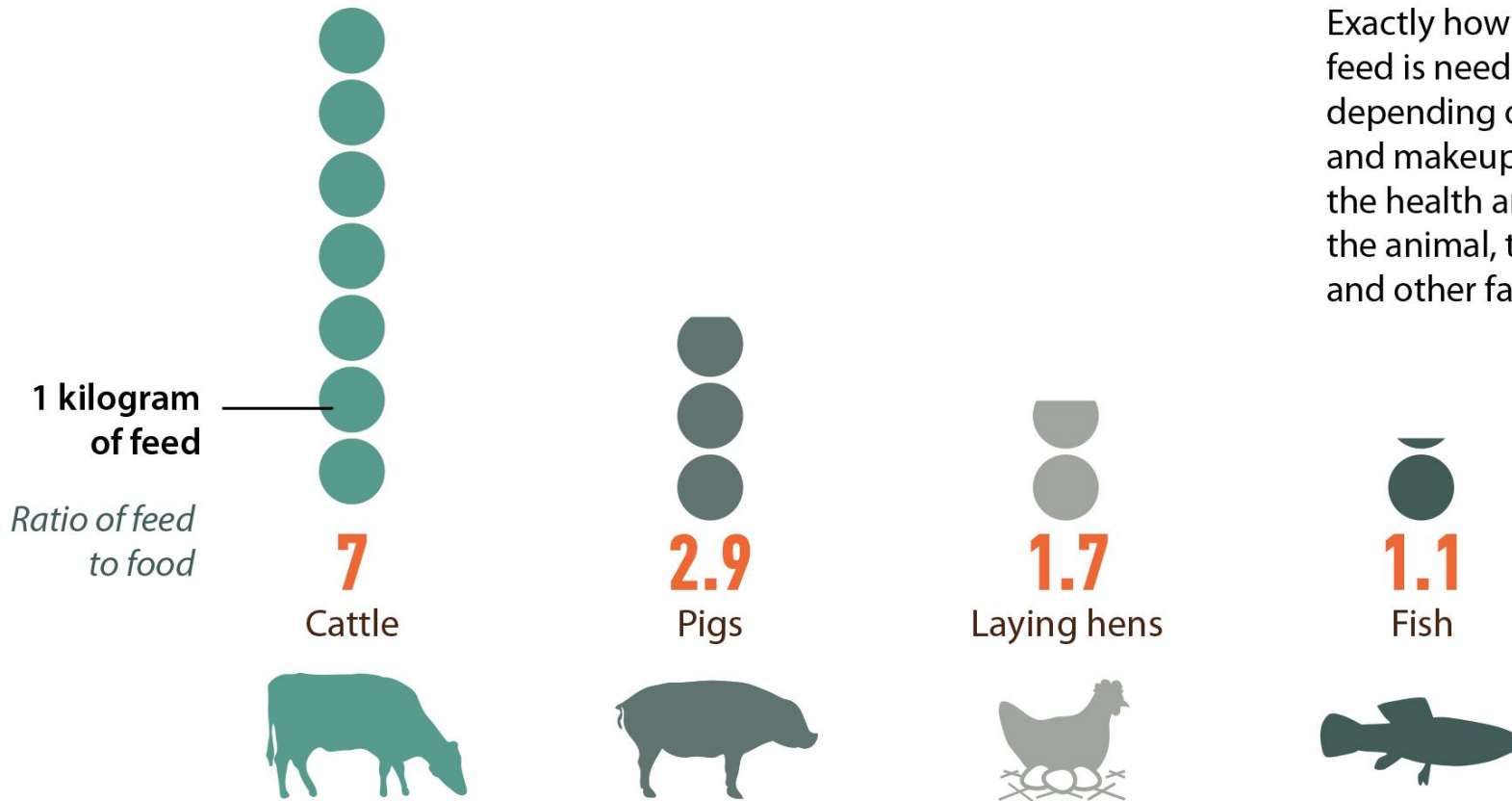
Estimated consumption of eggs in Southern Africa	
Countries	Consumption (eggs / person / year)
Botswana	32
Malawi	45
Mozambique	4
Namibia	96
South Africa	150
Zambia	48
Zimbabwe	42

Source: International Egg Commission. Country Questionnaire from joint IEC-FAO Technical Seminar (2013).

Sustainability: Improving production practices provides greater yields using few resources



Sustainability: Animal feed efficiency



Exactly how much feed is needed varies, depending on the quality and makeup of feed, the health and age of the animal, the environment and other factors.

Source: Adapted from National Geographic Magazine. *A Five-step Plan to Feed the World* (2014).

The IEF's commitment to egg production in the developing world



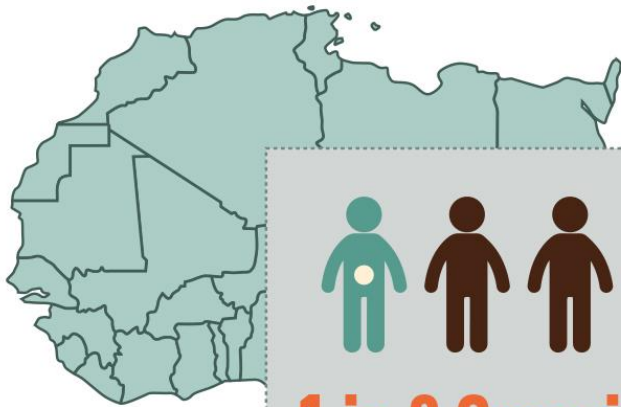
Our impact





Heart for Africa

Swaziland



1 in 3 Swazis
is undernourished



200,000
are orphans and
vulnerable children



42% of the population
are infected with HIV/AIDS;
more than 15,000 households
headed by orphans



Swaziland

Source: Food and Agriculture Organization of the United Nations. Swaziland is moving towards commercial farming. Rome (2014).

Source: Heart for Africa. Why Swaziland (2010).

Finding hope



Heart for Africa

- There are two sides to the development of Heart for Africa



1. The children

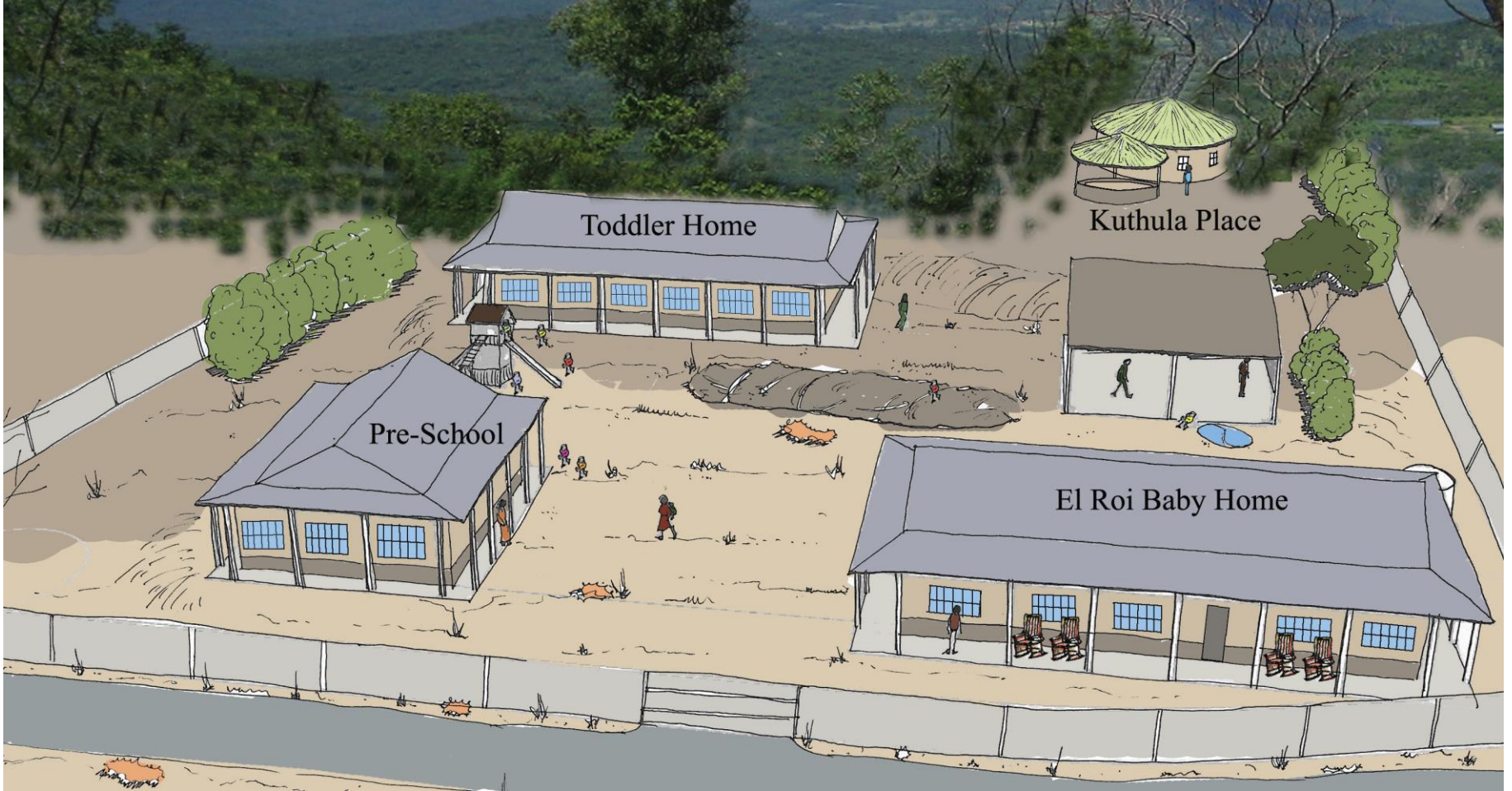


2. The farm

The children



Housing the future



El Roi baby home



Labakhetsiwe toddler home



Sisekelo preschool



The farm: Education, jobs and training



Producing food for the greater community



Where you can help: A new poultry house for the Heart for Africa farm



Help us build the poultry house

Your generous donation and support will:

- Send qualified people and modern equipment to Swaziland
- Pay for materials to build the poultry house
- Help us employ Swazis, who can better support their families
- Provide a high-quality source of protein to those in need for years to come



Give from the heart



Donate to Heart for Africa today to help build the poultry house!

Visit

heartforafrica.ca

(Canada)

heartforafrica.org

(United States)



Select

[Donate](#)



Click

[Poultry house](#)

*To learn more about the International Egg Foundation,
visit internationaleggfoundation.com*

Thank You

