

CountrySTAT

Food and agriculture data network



THE WORLD HUNGER PROBLEM

SECTION

01

Challenging political circumstances can lead to poverty and hunger.



1/8

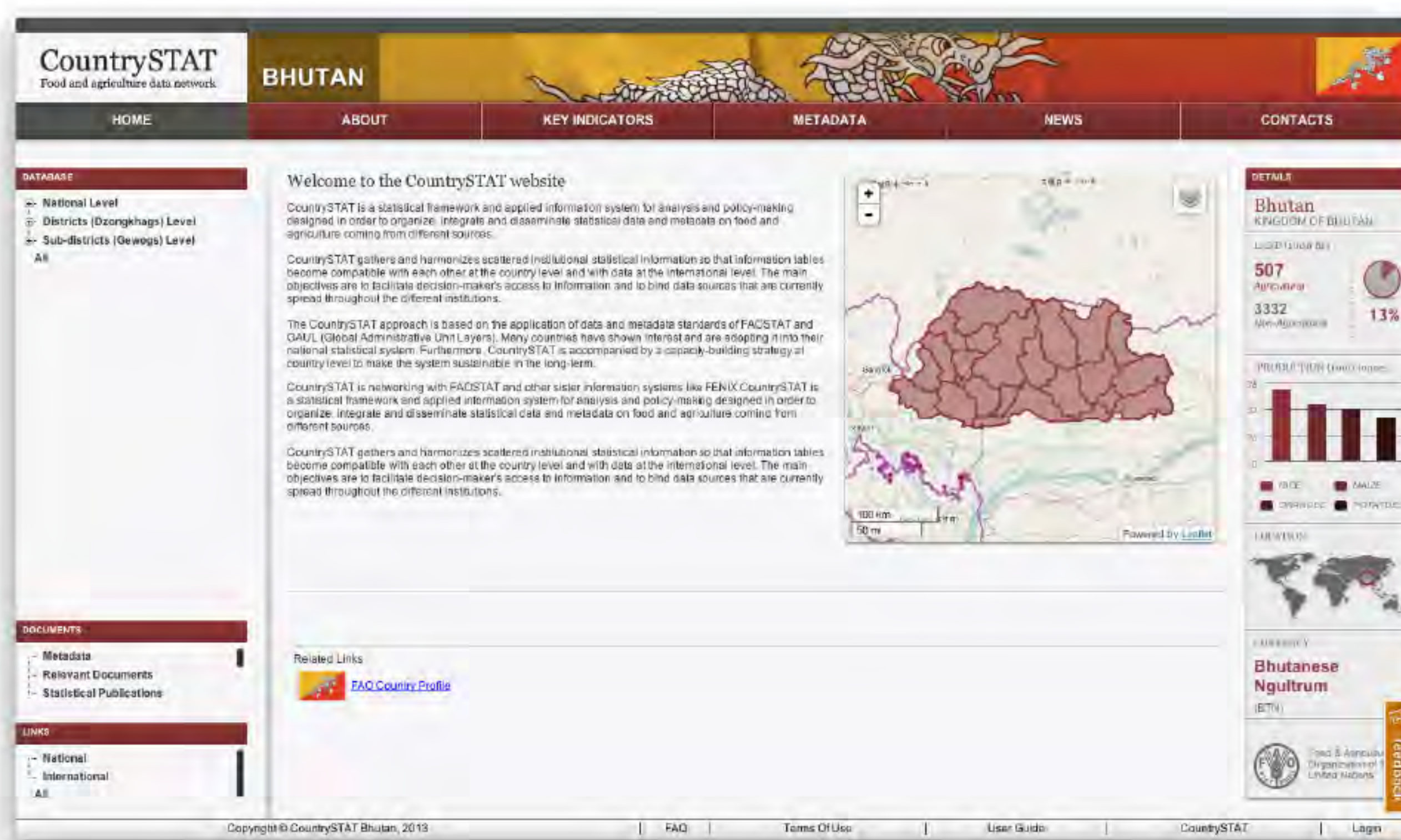
Of people of the world
are undernourished

(Source: FAO, 2012)

Efforts to solve the problem of world hunger can be approached through technological innovations, education, and a correct food distribution, for example. In any case,

BHUTAN

Bhutan – located in the heart of Asia – was until recently one of the most isolated nations in the world. With CountrySTAT, its data collection and diffusion are entirely self-managed; the country's data are now available online and can also be shared with other nations. They are now looking for new activities to broaden and deepen CountrySTAT's potential within the country. What began as a tiny venture is now a fully operational nationally and internationally recognized project that is owned and maintained by the national authorities.



To find out more about CountrySTAT and its success visit:

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SUCCESS STORIES

HOW TO SOLVE IT

SECTION

02

Food and agricultural statistics are crucial in developing countries, where agriculture is the engine for development.

Production of agricultural data and reporting is challenging in many countries due to budget constraints or limited staff resources. Very often, data lacks quality indicators. Metadata is missing. Thus, this information is not available nor is its reliability assured. CountrySTAT provides a system that allows for the correct harmonization and distribution of data that is conform to international standards. Easy access to data in the right format is crucial. Once the data has been extracted from the

SAFE WATER IN AFRICA



Access

No Access

(Source: Care, USA)

data network. Going beyond data on food and agriculture - CountrySTAT will expand its scope by including real-time and forecast data relevant to agriculture. Data collection will make use of mobile technologies (e.g. price data collection via smartphones) and remote sensing data (e.g. satellite images for vegetation monitoring or estimated soil moisture conditions).

PARTNERS

Resource Partners

BILL & MELINDA GATES FOUNDATION,
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UGANDA, ENSEA-ABIDJAN, AGRHYMET/CILSS,
COMESA

THE FUTURE

WHAT COUNTRYSTAT DOES

SECTION

03

Accessible, high-quality, nationally owned statistics, supporting the drive to reduce extreme poverty and hunger.

CountrySTAT supports the strengthening of information management capacities in its member countries. Through effective collaboration



CountrySTAT strengthens institutional partnerships

between statistical offices, other national agencies and international organizations, the quality of official, nationally owned statistics improves. Data is standardized according to international standards and made easily accessible to all users via Internet. The availability of reliable food security and agricultural data makes CountrySTAT

a valuable tool for informed policy-making and emergency planning. With CountrySTAT, users have easy access to statistical data at national and regional level through an open-source software. The system handles large volumes of



CountrySTAT team during training

data and produces results within seconds. Data analysis is easy thanks to customized tools that allow to create different outputs such as maps, tables and charts. FAO experts provide technical assistance in defining methodologies, using international classifications, coding systems and solving problems.

WHAT COUNTRYSTAT DOES

THE FUTURE OF COUNTRYSTAT

SECTION

04



*Advanced technology and support
for linking data in an open platform*

From the very beginning of the project, effective collaboration and communication has been the key to CountrySTAT's success. CountrySTAT supports institutional and technical collaboration to establish common standards for data exchange. By combining knowledge, data, and technologies, CountrySTAT brings together national and international agencies, helping them to collaborate. In doing so, CountrySTAT is in line with the worldwide effort of creating a global open





PEOPLE'S SUSTENANCE

- Agricultural 
- Other 

(Source: Care, USA)

database, it must be easy to interpret. CountrySTAT can assist in data collection and in a correct interpretation of results. Policy-decisions can then be taken accordingly. CountrySTAT provides a consolidated and sustainable framework, tool, and environment for improved accessibility to national agricultural data and statistics. The system enables researchers, policymakers, development organizations, and the private sector to design and implement better policies and investments in agriculture, which will lead to improved agriculture productivity, economic growth, and better livelihoods for smallholders.

HOW TO SOLVE IT

SUCCESS STORIES

SECTION

05

Since its implementation, CountrySTAT is running successfully in over 35 countries worldwide.

BURKINA FASO

In the past, national food and agricultural data in Burkina Faso was produced by different institutions which often worked in isolation, and institutional collaboration was weak. Since the launch of CountrySTAT in October 2009 significant efforts have been made to make official national statistics available on a single platform accessible to all users. With the help of the National Secretariat, progress was made in harmonizing the existing national data with the international requirements. As a result, official national statistics are now easily available and comparable, adhering to international standards of quality for international comparability.

HAITI

In Haiti data from the complete General Agriculture Census has been uploaded to the national CountrySTAT platform and over 290 tables are now available on-line. Moreover, a correspondence table was developed which links the national classification to the international standard classification of commodities. This table allows data comparison between all national CountrySTAT systems around the world.

policymakers require reliable information and up-to-date data in order to make decisions that can affect the food and agricultural sector.

- 1 HOW MUCH FOOD IS AVAILABLE IN THE DIFFERENT REGIONS OF A COUNTRY?**
- 2 IS THERE A DIFFERENCE BETWEEN THE ANNUAL INCREASE OF FOOD PRODUCTION AND THE RATE OF POPULATION EXPANSION?**
- 3 WHERE DO WE FIND THE BEST CLIMATE CONDITIONS FOR AGRICULTURAL PRODUCTION?**
- 4 WHAT TYPE OF LIVESTOCK FARMING IS PRACTICED IN THE COUNTRY (SEDENTARY, NOMADIC AND/OR TRANSHUMANT)?**
- 5 DO WOMEN HAVE ACCESS TO LAND AND OTHER RESOURCES?**
- 6 HOW DO CROP PRICES EVOLVE THROUGHOUT THE YEAR?**
- 7 WHAT IS THE IMPORTANCE OF FORESTS, SILVICULTURE, FISHERY AND AQUACULTURE?**

THE WORLD HUNGER PROBLEM



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OF THE UNITED NATIONS**

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