

BUILDING STAKEHOLDER TRUST

Need for existing and new assurance roles

As the supply chain within the life sciences industries becomes more complex and the use of large scale data and digitalization is gaining speed, the need for independent third parties to help assure quality, safety, security, reliability, integrity, ethics and more is increasing.

DNV GL's strategy

Focus on two core segments of life sciences:



**PRESERVING
HEALTH**



**PROVIDING
FOOD**

FOOD & BEVERAGE



10% of the food in super-markets is adulterated

60%

growth in reported incidents 2010 to 2013



USD
10-20 bn

Costs of food fraud to the industry per year



TARGETED CATEGORIES:
milk, olive oil, honey, saffron, fish, coffee, orange juice, apple juice, black pepper, tea.

THE NEED TO TACKLE

FOOD FRAUD

- Adulteration
- Substitution
- Dilution
- Misrepresentation
- Mislabeling

A CHANGING WORLD POPULATION

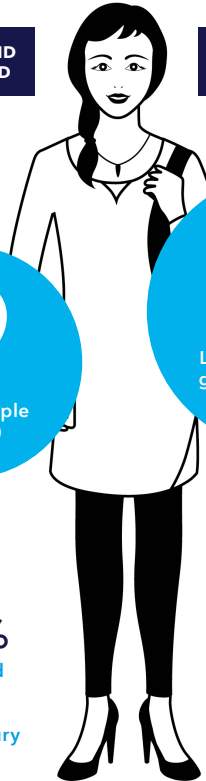
ACCESS TO SAFE AND SUSTAINABLE FOOD

ACCESS TO HEALTH SERVICES

+/- **9**
billion people by 2050



70%
more food needed globally mid-century



6
YEARS LONGER
Life expectancy has grown over the past two decades.

400,000
100 year-olds in the US by 2050 because of better healthcare

HEALTHCARE

USD
200 bn

savings to global healthcare budget due to wearables over the next 25 years



684%

growth in global wearable market first half of 2014



THE FUTURE OF
HEALTH CARE

By 2018, 70% of healthcare organizations worldwide will invest in consumer-facing technology.

