Innovative Finance

The International Finance Facility for Immunisation

Socially responsible investing for global health
In the developed world, protection from disease through immunisation is taken for granted. But every year in poorer countries, some 20 million children miss out on vaccinations against the most common diseases, making them vulnerable to sickness, disability and death.

Each year, 1.7 million children die from preventable diseases such as diphtheria, pneumonia, diarrhoea and yellow fever — a massive and inexcusable loss of human potential.

One of the main reasons for this global failure is a lack of predictable funding that allows developing countries to plan and implement programmes to protect and improve their children’s health.

“Supporting children’s immunisation is undoubtedly the best investment we’ve ever made.”

Bill Gates
The Bill & Melinda Gates Foundation
The International Finance Facility for Immunisation (IFFIm) exists to rapidly accelerate the availability and predictability of funds for immunisation.

The funds raised by IFFIm are used by Gavi, the Vaccine Alliance, a public-private partnership working to reduce vaccine-preventable deaths and illness among children.

Children should not have to wait to be vaccinated. Raising funds for vaccines today based on government pledges paid in the future makes IFFIm’s impact profound.

“Life or death for a young child too often depends on whether he is born in a country where vaccines are available or not.”

Nelson Mandela
Former President of South Africa and Gavi Board Chair
US$ 6.5 billion in donor commitments*

**United Kingdom**  
US$ 2.98 billion over 23 years

**France**  
US$ 1.88 billion over 20 years

**Italy**  
US$ 635 million over 20 years

**Australia**  
US$ 284 million over 20 years

**Norway**  
US$ 264 million over 15 years

**Spain**  
US$ 240 million over 20 years

**The Netherlands**  
US$ 181 million over 10 years

**Sweden**  
US$ 38 million over 15 years

**South Africa**  
US$ 20 million over 20 years

**Brazil**  
US$ 20 million over 20 years

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* As of December 2018

IFFIm pledges are expressed in US$ equivalent amounts of national currency calculated using prevailing exchange rates around the time each grant agreement is signed.
IFFIm’s donors have together pledged more than US$ 6.5 billion to IFFIm.

IFFIm issues Vaccine Bonds in the capital markets, converting the long-term government pledges into immediately available cash resources. The pledges are used in part to repay IFFIm bondholders.

The World Bank acts as Treasury Manager to IFFIm. From 2006 through 2018 IFFIm raised US$ 6 billion from institutional and individual investors at an average interest cost lower than its donors’ composite cost.

Frontloading funds to introduce and maintain routine vaccination programmes makes government donors’ investments go further by speeding delivery of Gavi’s life-saving vaccines.

“Investors in IFFIm’s Vaccine Bonds have joined many donor governments to significantly reduce child mortality by helping finance Gavi immunisation programmes around the world. They have blazed an exciting and important new trail in the area of socially responsible investing.”

Dr. Seth Berkley
Gavi CEO
Gavi, the Vaccine Alliance has helped vaccinate an additional 700 million children, saving approximately 10 million lives. This would not have been possible without IFFIm.

Between 2006 and 2018, IFFIm disbursed US$ 2.6 billion to Gavi — more than 20% of Gavi’s total expenditures — to fund vaccine purchase and delivery for 73 developing countries.

### Gavi disbursements of IFFIm funds

**US$ million**

<table>
<thead>
<tr>
<th>Vaccine/Programme</th>
<th>US$ Million</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measles vaccine</td>
<td>3.1</td>
<td>0.1%</td>
</tr>
<tr>
<td>Hepatitis B (HepB) vaccine</td>
<td>13.1</td>
<td>0.5%</td>
</tr>
<tr>
<td>Meningitis elimination*</td>
<td>62.6</td>
<td>2.4%</td>
</tr>
<tr>
<td>Measles mortality reduction*</td>
<td>139.0</td>
<td>5.4%</td>
</tr>
<tr>
<td>Polio eradication*</td>
<td>191.3</td>
<td>7.4%</td>
</tr>
<tr>
<td>Maternal and neonatal tetanus*</td>
<td>61.4</td>
<td>2.4%</td>
</tr>
<tr>
<td>Yellow fever stockpiles*</td>
<td>90.9</td>
<td>3.5%</td>
</tr>
<tr>
<td>Other country-specific programmes</td>
<td>93.7</td>
<td>3.6%</td>
</tr>
<tr>
<td>Health system strengthening (HSS)</td>
<td>319.6</td>
<td>12.4%</td>
</tr>
<tr>
<td>Measles-Rubella vaccine</td>
<td>4.6</td>
<td>0.2%</td>
</tr>
<tr>
<td>Rotavirus vaccine</td>
<td>16.6</td>
<td>0.6%</td>
</tr>
<tr>
<td>Yellow fever vaccine</td>
<td>38.3</td>
<td>1.5%</td>
</tr>
<tr>
<td>Tetravalent vaccine (Diphtheria Tetanus, Pertussis, HepB)</td>
<td>45.4</td>
<td>1.8%</td>
</tr>
<tr>
<td>Pneumococcal vaccine</td>
<td>203.4</td>
<td>7.9%</td>
</tr>
<tr>
<td>Pentavalent vaccine (Diphtheria Tetanus, Pertussis, Hib, HepB)</td>
<td>1,300</td>
<td>50.1%</td>
</tr>
</tbody>
</table>

**Total US$ 2.6 billion**

2006 to December 2018

* One-time tactical investments in disease prevention and control (“Investment cases”).
A game-changing SRI

As the first development finance entity in history to attract long-term, irrevocable and legally binding commitments from donors, IFFIm has built a strong reputation for innovation.

IFFIm has been recognized as the “SRI Innovation of the Decade” by mtn-i and has been cited for its strength and innovation by global leaders and financial media.

World leaders at the 2015 International Conference on Financing and Development in Addis Ababa, Ethiopia endorsed IFFIm as an example of effective, innovative finance model that could be replicated for other global development causes.

IFFIm’s inaugural Vaccine Sukuk in 2015 impressed Islamic investors and markets earning an “Achievement in Transformational Finance” award from the Financial Times and Euromoney’s prize for “Innovation in Islamic Finance.”

“SRI Innovation of the Decade”

mtn-i news
Flexible financing provides upfront funding

IFFIm provides certainty of funding for both Gavi and recipient countries, aiding long-term planning and short-term needs. For example, US$ 545 million in proceeds from IFFIm funded tactical purchases that helped prevent 1.4 million deaths from yellow fever, polio and measles. Dedicated IFFIm funding also played a significant role in combating 600,000 cases of meningitis and maternal and neonatal tetanus.

IFFIm funds blockbuster vaccine introductions

In addition, IFFIm helped Gavi fund breakthrough vaccines quickly and securely. IFFIm financed more than 90% of the guaranteed payment to UNICEF for initial doses of pentavalent, which immunises against five infectious diseases: diphtheria, tetanus, pertussis, *Haemophilus influenzae* type B (Hib) and hepatitis B. Gavi could not have made that commitment and upfront cash payment without IFFIm.

“IFFIm has made a major contribution by enabling Gavi to accelerate its vaccination program saving the lives of children in developing countries.”

Cyrus Ardalan
IFFIm Board Chair
for immunisation:

Making long-term government pledges available as immediate cash through Vaccine Bond sales produces a "frontloading" effect ideal for vaccination procurement and delivery. This ensures a near-term positive impact on public health that strengthens and protects future generations.

for donors:

IFFIm has exceeded and provided funding, timing and weighted composite of its donors lower borrowing costs than a historically achieving expectation. IFFIm has exceeded expectations by historically achieving.

for investors:

Vaccine Bonds provide a socially responsible investment. Since 2006, IFFIm has raised US$ 6 billion through 33 issuances.

for Gavi:

Since its inception, IFFIm has provided US$ 2.6 billion — one fifth of Gavi’s purchases.

for IFFIm works:

and protects future generations.
Long-term commitments enable frontloading of vaccine bonds

- IFFIm issues bonds based on long-term donor pledges.
- Donor contributions:
  - Brazil
  - The Netherlands
  - France
  - Spain
  - Germany
  - Italy
  - Australia
  - Norway
  - South Africa
  - Sweden

- Note: Brazil is scheduled to make payments of US$ 1 million per year over 2030-2037 totaling US$ 8 million over the period.
- The total amount of donor commitments to IFFIm including Brazil’s new pledge is US$ 6.55 billion.

- IFFIm has been critical in the rapid scale up of immunisation.
- 80 million children have been vaccinated.
- 800 million children will be vaccinated ahead of Gavi receiving the donors’ grants thanks to IFFIm’s innovative frontloading mechanism.
Gavi, the Vaccine Alliance is a public-private partnership committed to saving children’s lives and protecting people’s health by increasing equitable use of vaccines in lower-income countries. The Vaccine Alliance brings together developing country and donor governments, the World Health Organization, UNICEF, the World Bank, the vaccine industry, technical agencies, civil society, the Bill & Melinda Gates Foundation and other private sector partners. Gavi uses innovative finance mechanisms to secure sustainable funding and adequate supply of quality vaccines. Since 2000, Gavi has contributed to the immunisation of 700 million children and the prevention of 10 million future deaths.

Gavi, the Vaccine Alliance is supported by donor governments (Australia, Brazil, Canada, Denmark, France, Germany, Iceland, India, Ireland, Italy, Japan, the Kingdom of Saudi Arabia, Luxembourg, the Netherlands, Norway, the People’s Republic of China, Principality of Monaco, Republic of Korea, Russia, South Africa, Spain, the State of Qatar, the Sultanate of Oman, Sweden, Switzerland, United Kingdom, and United States), the European Commission, Alwaleed Philanthropies, the OPEC Fund for International Development (OFID), the Bill & Melinda Gates Foundation, and His Highness Sheikh Mohamed bin Zayed Al Nahyan, as well as private and corporate partners (Absolute Return for Kids, Anglo American plc., The Audacious Alliance, The Children’s Investment Fund Foundation, China Merchants Group, Comic Relief, Deutsche Post DHL, the ELMA Vaccines and Immunization Foundation, Girl Effect, The International Federation of Pharmaceutical Wholesalers (IFPW), the Gulf Youth Alliance, JP Morgan, Kuwait Fund for Arab Economic Development, “la Caixa” Foundation, LDS Charities, Lions Clubs International Foundation, Mastercard, Majid Al Futtaim, Orange, Philips, Reckitt Benckiser, Unilever, UPS and Vodafone).

www.gavi.org

The World Bank is like a cooperative, made up of 189 member countries. The World Bank’s goals are to (i) end extreme poverty at the global level within a generation and (ii) boost shared prosperity. The World Bank is also the treasury manager for IFFIm. In that capacity, the World Bank manages IFFIm’s finances according to prudent policies and standards. This includes IFFIm’s funding strategy and its implementation in the capital markets, rating agency and investor outreach, risk and investment management. The World Bank also coordinates with IFFIm’s donors and manages their pledges and payments as well as IFFIm’s disbursements for immunisation and health programmes through Gavi, the Vaccine Alliance.

www.worldbank.org

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