



# IFFIm RESOURCE GUIDE

2024

Gavi/2023



Gavi/2023/Prakhar Deep Jain

A father brings his child for vaccination in Kausa, India.



**Front cover:**

Olivier and Nadine pictured with their two children, Krystal and Travis at their home in Kigali, Rwanda. "As young working parents, it is essential that our kids get all the vaccinations they need in order for them to stay healthy and strong. We are grateful for the healthcare facilities that our government established so that our children can get all the vaccines they need."

# IFFIm Resource Guide

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## CONTENTS

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2024 SPOTLIGHT: IFFIm's ROLE IN GAVI'S 2026-2030 STRATEGIC PERIOD (GAVI 6.0)	6
INTRODUCTION	8
EXECUTIVE SUMMARY	9
1 AN OVERVIEW OF IFFIm AND ITS IMPACT	12
1.1 What is IFFIm?	12
1.2 What are IFFIm's origins?	12
1.3 What does IFFIm do?	12
1.4 What are the primary benefits of IFFIm?	13
1.5 What is frontloading?	13
1.6 Why is frontloading important?	13
1.7 Does IFFIm frontloading mean Gavi will have less money available for immunisation in the future?	14
1.8 What is the structure of IFFIm's management and operations?	14
1.9 What is IFFIm's impact?	15
1.10 Why is IFFIm critical to Gavi?	15
1.11 What is IFFIm's role in Gavi's future strategy?	15
1.12 How has IFFIm's work been recognised?	16
2 CONVERTING PLEDGES INTO FUNDING	17
2.1 Donors and pledges	17
2.1.1 Who are IFFIm's donors? How much have they pledged to IFFIm?	17
2.1.2 What are the donor's payments subject to?	17
2.1.3 How do donors pledge to IFFIm?	17
New donors	18
Existing donors	18
2.1.4 How do donors know the impact of their individual pledges?	18
2.1.5 Does IFFIm's frontloading model mean that donors' future pledges will be used to pay down debt rather than add value to Gavi?	18
2.2 Mechanics of applying pledges to the IFFIm model	19
2.2.1 How does IFFIm convert future pledges into immediate cash for vaccinations?	19
2.2.2 What is the grant payment condition?	19



2.2.3	What is the impact of the grant payment condition?	19
2.2.4	What is the gearing ratio limit?	20
2.2.5	How does IFFIm make sure it has enough liquidity to meet its liabilities?	20
2.3	Capital market activities	20
2.3.1	What are IFFIm bonds?	20
2.3.2	Who invests in IFFIm's vaccine bonds, and why do they invest with IFFIm?	20
2.3.3	In how many markets has IFFIm issued vaccine bonds?	22
2.3.4	Why does IFFIm issue bonds in different currencies and geographies?	22
2.4	Funding costs	22
2.4.1	What is the average funding cost for IFFIm, and how does it compare to other funding sources?	22
2.4.2	How efficiently does IFFIm manage its liquidity and keep operational costs low?	22
2.5	Disbursement to Gavi	23
2.5.1	How much has IFFIm disbursed to Gavi so far?	23
2.5.2	How much will IFFIm provide in the future?	23
2.5.3	Why hasn't all the money raised by IFFIm gone to Gavi?	23
2.5.4	How are the funds generated through IFFIm disbursed by Gavi?	24
2.5.5	Which countries are eligible for support from Gavi?	25
2.5.6	How does Gavi/IFFIm decide which projects to support?	25
2.5.7	What is each donor's share of IFFIm proceeds to Gavi?	26
2.5.8	How is each donor's share of proceeds calculated?	26
2.5.9	What are the benefits of the proceeds calculation methodology?	26
3	MANAGING RISKS	27
3.1	Risk management	27
3.1.1	What are IFFIm's financial risks, and how does it seek to address these risks?	27
3.2	Hedging and swaps	27
3.2.1	What is the context for IFFIm's risk management strategy on market risk?	27
3.2.2	Why does IFFIm need to use risk management techniques such as swaps?	28
3.2.3	Who does IFFIm enter into swaps with?	28

3.2.4	How does IFFIm use swaps to manage risks?	28
	IFFIm donor payments – currency swaps	29
	IFFIm bonds – currency and interest rate swaps	30
3.2.5	What is IFFIm’s swap position?	31
3.3	Credit rating	31
3.3.1	What is a credit rating, and why is it important?	31
3.3.2	What is IFFIm’s current credit rating?	31
3.3.3	What has IFFIm’s credit rating been historically?	31
3.3.4	Why was IFFIm downgraded?	32
3.3.5	What is the impact of a downgrade?	32
3.3.6	How often do the credit agencies assess IFFIm’s rating?	32
3.3.7	What are the events that could trigger an action by a rating agency?	32
3.3.8	What are the factors supporting IFFIm’s credit rating?	32
4	RECENT DEVELOPMENTS	34
4.1.1	How has IFFIm supported new and high-impact vaccines?	34
4.1.2	How might IFFIm be used to address future global health financing challenges?	34
4.1.3	What is the LoC facility?	34
4.1.4	What is CEPI and what is the partnership between CEPI, Gavi and IFFIm?	35

# 2024 SPOTLIGHT: IFFIm's ROLE IN GAVI'S 2026-2030 STRATEGIC PERIOD (GAVI 6.0)

## HELPING DONORS MAXIMISE GAVI'S LIFE-SAVING IMPACT

A child in need of a life-saving vaccine cannot afford to wait. IFFIm's frontloading model allows Gavi to protect people, communities and the world faster by bringing future aid forward so it can have an impact today. Since 2006, IFFIm's innovative financing model has enabled donor countries' long-term, multi-year financial pledges to be made available to Gavi faster through vaccine bond issuances, immunising more children and making vaccines widely available to communities around the world at a lower cost. To date, IFFIm has contributed US\$ 5.8 billion to bolster Gavi's vaccination programmes – an investment that has saved millions of lives.

## ACCELERATING FUNDING THROUGH A PROVEN VERSATILE MODEL

IFFIm's frontloading and flexible funding capacity has been an integral tool underpinning Gavi's historic achievements, including:

- **Catalysing life-saving impact** by contributing 17% of Gavi's overall funding
- **Speeding up Gavi's response** to C19 by frontloading over 90% of IFFIm COVAX pledges
- **Shaping the pentavalent market** to secure supplies and lower costs since IFFIm's inception
- **Enabling Gavi's swift response** to halt the 2014 Ebola crisis by providing standby funding

## PROVIDING AN EFFICIENT AND COST-EFFECTIVE SOLUTION, ATTUNED TO DONOR NEEDS

As donor countries face competing demands for resources and greater fiscal constraints, IFFIm's financing model has never been more valuable. IFFIm offers donors a cost-effective way to deliver immediate immunisation impact while spreading contributions over the long term. It has consistently provided exceptional value to donors, with approximately 98% of its resources directed toward supporting Gavi's life-saving programmes.

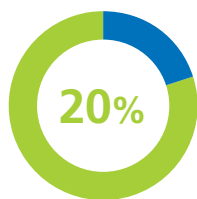
## PROTECTING OUR FUTURE – HOW IFFIm WILL SUPPORT GAVI TO DELIVER ITS AMBITIOUS 6.0 PLAN

The Gavi 6.0 plan will see the rollout of its widest ever portfolio of life-saving vaccines, which will require flexible, long-term sustainable funding – for countries, for manufacturers and crucially, for emergencies. IFFIm's unique strengths, underpinned by new donor pledges, will enable Gavi to:

- **Frontload large-scale funding** for the rapid introductions and scale-up of new, breakthrough and existing vaccines, such as malaria, hexavalent and HPV
- **Forge long-term commitments** with manufacturers, securing supplies and reducing prices
- **Provide surge funding** to respond to unexpected events, such as future outbreaks and pandemics
- **Deliver time-flexible funding** to adapt to the changing needs of vaccine introductions and campaigns and maximise the reach to zero-dose children
- **Accelerate funding** to help countries strengthen and sustain critical health systems

## CALL TO ACTION

Funding IFFIm is integral to the Gavi 6.0 replenishment effort. By committing to IFFIm, donors will make an immediate, outsized impact on Gavi's mission, while ensuring that this unique innovative finance mechanism continues to deliver for Gavi and its partners.



Gavi is seeking to mobilise **20% of its overall resources** (or US\$ 2.4 billion) for the 6.0 period through IFFIm, as a long-term, predictable and flexible source of funding.



This represents **US\$ 1.9-US\$ 2.5 billion** in new long-term donor pledges for IFFIm, as part of Gavi's overall ask.

For more details: <https://iffim.org/document/iffim-investment-case-gavi-2026-2030>





# Introduction

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The International Finance Facility for Immunisation (IFFIm) and Gavi, the Vaccine Alliance, have prepared this guide in response of donors' requests for an expanded information note for non-financiers. Its aim is to deepen and broaden understanding of IFFIm and how it works.

The guide is divided into two sections for ease of reference:

The **executive summary** describes the key aspects of IFFIm and its work.

The **main section** goes into more detail. Using a question and answer (Q&A) format, it also provides answers to specific questions readers may have.

More information is available at [www.iffim.org](http://www.iffim.org)



Apu Rani, 34, is from Barisal in Bangladesh: "My daughter is 12 and already very good at dancing. The moment she was born all I wanted her to be healthy and happy. And to be an actress or a dancer, I made sure she got all her vaccines, especially polio, for strong and healthy legs."



# Executive summary

## AN OVERVIEW OF IFFIm AND ITS IMPACT

IFFIm is a role model for humanitarian financing and indeed the entire field of global development, which faces constant funding challenges and unpredictability. IFFIm is an independent body, established as a United Kingdom (UK) charity, with no employees. It functions through the partnership of four parties: donors, the IFFIm Board, the World Bank and Gavi, the Vaccine Alliance. Between 2006 and 2024, IFFIm provided more than one-sixth of Gavi's programme funding. This has helped Gavi to immunise over 1 billion children, saving over 17 million lives in the long term.

IFFIm pioneered impact investing in 2006 as the first development finance entity in history to attract long-term, legally binding commitments from donors – pledges that support Gavi's vaccination programmes. IFFIm issues vaccine bonds, backed by these pledges, on international capital markets. The money raised through the bond issuances provides funding to Gavi. This process of transforming long-term donor commitments into immediate cash for Gavi is called frontloading.

Key benefits include:

- increasing the funding immediately available to Gavi for life-saving vaccines and immunisation;
- accelerating delivery of vaccines and making funding more predictable;
- giving Gavi the flexibility to use funds when they are needed most;
- helping Gavi drive down vaccine prices and secure supply by increasing the long-term predictability of funding; and
- providing donors with a way to spread contributions over future years, while also having an immediate impact.

With a strong reputation for innovation, IFFIm has received accolades, awards and citations from media as well as global health organisations. See **Section 1.12** for details.

To date, IFFIm has disbursed more than US\$ 5.8 billion to support Gavi's life-saving vaccination programmes.



## CONVERTING PLEDGES INTO FUNDING

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### DONORS AND PLEDGES

Currently, 11 donor countries have pledged nearly US\$ 9.7 billion through IFFIm: Australia, Brazil, Canada, France, Italy, the Netherlands, Norway, South Africa, Spain, Sweden and the UK. Gavi and IFFIm hope to further expand IFFIm's donor base.

Donors who wish to accelerate the impact of vaccination donate to Gavi through IFFIm as it provides immediate support to the global health agenda while allowing for contributions to be spread over time.

These donations take the form of pledges, which is the basis on which IFFIm raises money on capital markets. Therefore, it is critical that donors make irrevocable and legally binding pledges to IFFIm.

Pledges made by donor countries are taken as a whole and support neither a specific IFFIm bond nor a specific Gavi programme. To allow each donor country to measure the impact of its pledge, IFFIm communicates an estimated breakdown of proceeds from IFFIm to Gavi by country using an agreed-upon methodology.

### CAPITAL MARKETS

IFFIm is a pioneer in impact investing, an asset class that is expanding rapidly. IFFIm bonds, known as vaccine bonds, are socially responsible, investment-grade bonds supported by sovereign donors' commitments. They can be issued in any currency and have varying maturities, but the average term for IFFIm vaccine bonds is three to five years.

IFFIm issues vaccine bonds in multiple countries around the world in order to seek the most cost-effective markets and to introduce both IFFIm and Gavi to a diverse range of investors – thereby raising the profile of both organisations and building new relationships.

Since 2006, IFFIm has successfully raised nearly US\$ 8.7 billion through 41 bond issuances (as of June 2024). IFFIm bonds have been issued in Australia, Japan, Norway, Sweden, the United Kingdom and the United States, and sold to retail and institutional investors worldwide. IFFIm has also issued vaccine sukuk (financial instruments compliant with Islamic law) to engage with the fast-developing Islamic financial market, initially with its US\$ 500 million sukuk in 2014, followed by its US\$ 200 million sukuk in 2015 and the latest US\$ 50 million sukuk in 2019. The interest rates on IFFIm's bonds are comparable to those of other similarly rated sovereign or supranational issuers.

To maximise the amount of money it raises from bond issues and minimise the amount it has to pay out in interest to bondholders, IFFIm must ensure it has a high credit rating.

A credit rating reflects the perceived ability of a person, company or country to pay back its debts. Put simply, the higher the credit rating the easier it is to borrow money and the lower the interest rate lenders will demand in return.

The World Bank, as IFFIm's treasury manager, takes every possible step to safeguard IFFIm's credit rating. There are many factors that can influence this, key among them are the strong commitment and high credit ratings of donors to IFFIm, the legally binding nature of highly rated donor pledges and the conservative financial, liquidity and asset/liability management of the World Bank.

In order to maintain IFFIm's financial strength to support its high credit rating, IFFIm carefully balances the amount of money it raises by issuing bonds with the amount of money pledged by donors. IFFIm therefore only raises bonds against a percentage of overall donor commitments. The remainder creates a "cushion" or reserve to make sure that there will always be sufficient funds to pay bondholders or other creditors.

The minimum reserve or difference between the value of donor commitments (assets) and the value of the bonds raised (liabilities) is set by the gearing ratio limit (GRL). For example, under the current GRL of 73.4%, as of June 2024, if the present value of donor pledges was US\$ 100 million, IFFIm would be allowed to have only US\$ 73.4 million of debt outstanding, thus leaving US\$ 26.6 million in reserves to protect bondholders against adverse credit events and strengthen their confidence in IFFIm's creditworthiness.

In addition, IFFIm holds enough immediately available cash at all times to meet all projected interest payments to bondholders and repayment of maturing bonds for the 12 months ahead.

## MANAGING RISK

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### CONTEXT

IFFIm successfully uses the financial markets – through the issuance of bonds – to turn long-term pledges by donor countries into current cash for vaccination programmes. But operating on the financial markets means fulfilling market participant's expectations and communicated commitments to investors. This means that IFFIm must satisfy rating agencies to keep borrowing costs low, operating within strict financial limits and managing any risks that could make investors wary of committing their money to IFFIm. IFFIm's activities expose it to three principal types of financial risk: (1) credit risk, (2) liquidity risk and (3) market risk. IFFIm mitigates each of these risks based on a risk management strategy approved by its board.

### HEDGING AND SWAPS

A large majority of Gavi's vaccine and operating expenditures are in US dollars, so IFFIm's payments to Gavi and its overall balance sheet are denominated in US dollars. IFFIm, however, receives contributions and issues bonds in a variety of currencies, predominantly non-US dollars. As a result, it is exposed to currency risks, ie risk of loss from fluctuating foreign exchange rates between the cash inflows (donor contributions and bond proceeds) and the cash outflows (payments to Gavi and to bondholders).

In addition, IFFIm is exposed to interest rate risks because each currency attracts different deposit rates and the timing between receipts of donor payments, payments of bond obligations and disbursements to Gavi is different.

To manage all these risks IFFIm hedges all foreign exchange and interest rate exposures through swaps in accordance with the financial policies and practices of the World Bank, its treasury manager. Under a swap agreement IFFIm can exchange its foreign currency cash flows into US dollar denominated cash flows at a pre-agreed rate with the World Bank. This eliminates all the unpredictability that can accompany fluctuating foreign exchange or interest rates.

## CREDIT RATING

IFFIm's credit rating is important. With a higher credit rating, IFFIm can raise funds on more attractive terms. The treasury manager therefore monitors IFFIm's rating and can tighten financial policies should the rating fall below a certain level.

From inception until 2011, IFFIm had a triple-A rating from all three main credit rating agencies (Fitch, Moody's and Standard & Poor's).<sup>1</sup> This is the highest possible rating awarded by credit rating agencies, which exist to assess the creditworthiness of companies and institutions. However, in January 2012, IFFIm's credit rating was downgraded for the first time in the wake of the global financial crisis that saw the downgrade of its major donors. IFFIm's current ratings with the three main rating agencies are, as of June 2024, AA-, Aa1 and AA by Fitch, Moody's and Standard & Poor's respectively.

The rating agencies cite the strength of donor support and commitment as the main factor behind IFFIm's creditworthiness. They also note that the World Bank's role as treasury manager and prudent financial policies adds institutional strength to IFFIm's credit profile.

A credit downgrade would normally negatively impact an organisation's ability to borrow, as well as the cost of it doing so. Still, IFFIm's financial strength and the attractiveness of its vaccine bonds to socially responsible investors have meant that the impact of the downgrade, in terms of its ability to raise funds, has been minimal.

<sup>1</sup> An entity with a triple-A rating indicates an exceptional degree of creditworthiness because it can easily meet all its financial commitments.

# 1 An overview of IFFIm and its impact

## 1.1 WHAT IS IFFIm?

IFFIm is a multilateral development institution set up in 2006 to rapidly accelerate the availability and predictability of funds for Gavi, the Vaccine Alliance – a public-private partnership set up in 2000 to accelerate access to life-saving vaccines for children in the world's lowest-income countries. An exemplary vehicle for impact investing, IFFIm makes it possible for the public and private sectors to collaborate to support improved health in the world's least developed countries.

An independent body, established as a United Kingdom (UK) charity, with no employees, IFFIm functions through the partnership of four entities: donors, the IFFIm Board, the World Bank and Gavi.

## 1.2 WHAT ARE IFFIm's ORIGINS?

IFFIm's origins lie in the United Nations members' commitment to meet the Millennium Development Goals. Following a period of strong innovative finance advocacy that included the Monterrey Consensus in 2002, the UK Government proposed an International Finance Facility (IFF) to provide significant additional funds for immediate development needs.

In 2006, the UK and France launched the International Finance Facility for Immunisation (IFFIm), which would apply the principles of the broader IFF concept specifically to immunisation. The UK and France were soon joined by Italy, Norway, Spain and Sweden as donors to IFFIm, and later by South Africa (2007), the Netherlands (2009), Australia (2011), Brazil (2018) and Canada (2023).

## 1.3 WHAT DOES IFFIm DO?

IFFIm issues vaccine bonds, backed by long-term, legally binding pledges from donor governments, on international capital markets. These bonds are bought by investors who in return receive interest over a fixed period, at the end of which they are repaid their original investment. The money raised by these bonds provides Gavi with large volumes of funds immediately available to deliver life-saving vaccination programmes. IFFIm enables more money to be made available to Gavi more quickly. The predictable and flexible nature of this funding means that Gavi can plan ahead effectively while also retaining its ability to respond to new developments in disease prevention and to respond to unexpected events, such as future outbreaks and pandemics.

Figure 1 Structure of IFFIm





## 1.4 WHAT ARE THE PRIMARY BENEFITS OF IFFIm?

IFFIm creates benefits in three key areas:

- IFFIm provides Gavi with **flexibility** either to **frontload resources** over a shorter term, or to **draw down funds** over a longer period, enabling Gavi to use funds when they are needed most;
- **Long-term, predictable funding** from IFFIm helps Gavi support market shaping activities, reinforces Gavi's financial strength and enhances Gavi's ability to make long-term funding commitments; and
- IFFIm offers donors a **cost-effective way** to spread contributions over future years and to have an immediate impact.

## 1.5 WHAT IS FRONTLOADING?

The process of transforming long-term donor commitments into immediate cash for Gavi is called frontloading. Put simply, it is the process of shifting financial resources from the future to the present.

Let's say a donor country agrees to pledge US\$ 100 million over 10 years by paying US\$ 10 million a year. Without IFFIm, Gavi would be limited to spending a

maximum of US\$ 10 million each year from this pledge – and would have to wait 10 years before seeing its full impact. But because IFFIm uses these promises of future payments to issue bonds, Gavi can use today most of the money that will be paid by the donor over the next 10 years.

For example, in 2006, IFFIm successfully issued its inaugural five-year fixed-rate bonds raising US\$ 1 billion. A wide range of investors, especially those attracted to socially responsible investing, bought these bonds. This transaction enabled Gavi to immediately make available almost seven years' worth of pledges.

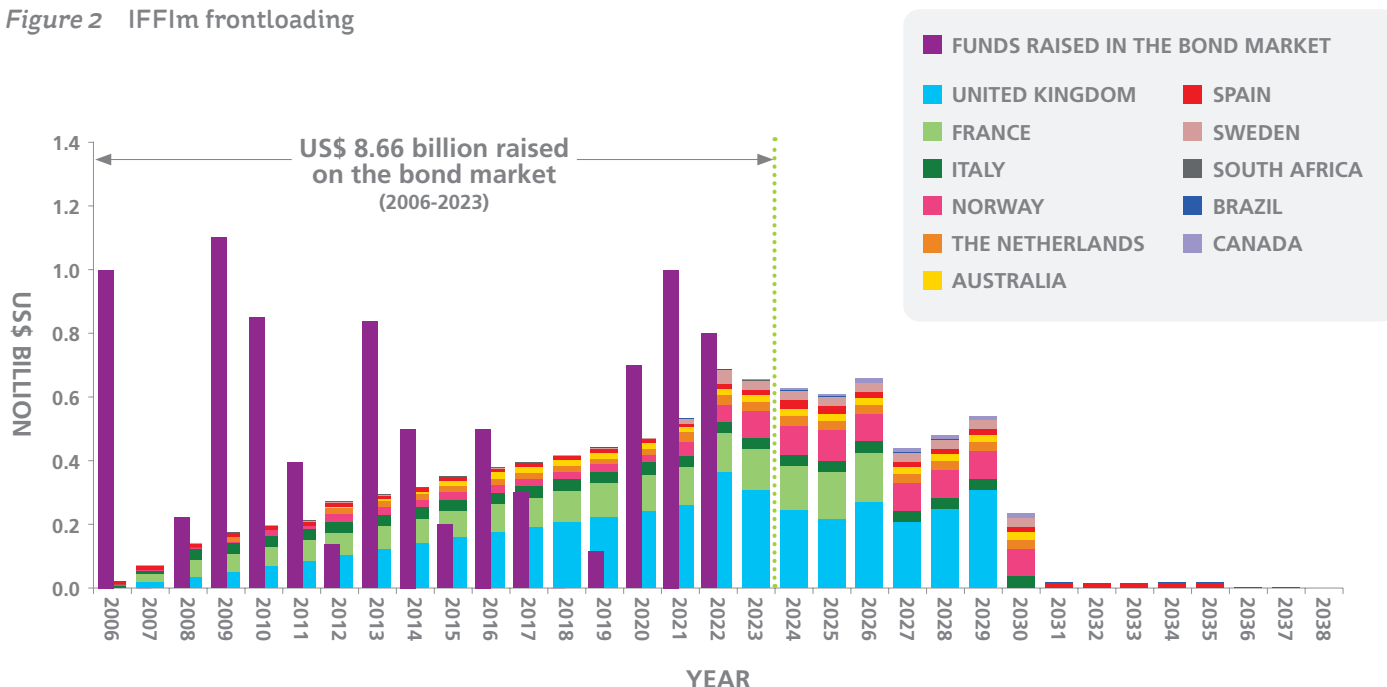
To date, IFFIm has leveraged donor pledges of US\$ 9.7 billion over a 32-year period to raise nearly US\$ 8.7 billion in cash over the 2006-2023 period. The frontloading effect can be seen in Figure 2.

## 1.6 WHY IS FRONTLOADING IMPORTANT?

There is zero value vaccinating a child in 10 years if he or she dies from a vaccine-preventable disease this year.

The majority of Gavi's vaccines need to be given to children within a few years of birth. Withholding or delaying this access can prevent children from leading healthy and productive lives. By frontloading future resources, IFFIm has helped Gavi immunise more children, more rapidly.

Figure 2 IFFIm frontloading



Furthermore, the impact of flexibility to frontload goes beyond improving the life chances of each vaccinated child. A healthy child is an asset to his or her family, the wider community and ultimately the national economy.

### FRONTLOADING: SAVING LIVES AND CUTTING VACCINE COSTS

The pentavalent vaccine immunises against five infectious diseases\* that together kill almost one million people every year.

IFFIm was instrumental in reducing the cost of the pentavalent vaccine. In 2007, IFFIm enabled Gavi to make an initial upfront payment of US\$ 191 million to vaccine suppliers, encouraging them to increase production and lower prices. An independent evaluation in 2011 found that IFFIm's funding had led to "greater competition and reduced prices" for pentavalent vaccines.<sup>2</sup>

Total IFFIm support for pentavalent vaccines now exceeds US\$ 1.5 billion, with the average cost of fully immunising a child with pentavalent dropping from US\$ 8.95 in 2010 to US\$ 2.81 in 2023. By the end of 2022, over 705 million children in 73 countries had been immunised with a pentavalent vaccine with Gavi support. These children can now look forward to a healthy future.

\* Diphtheria, tetanus, pertussis, Haemophilus influenzae type b and hepatitis B.

IFFIm's frontloading model was designed to accelerate funding to Gavi in the initial years, then reduce over later years, at a low overall cost. However, by replenishing IFFIm's long-term asset base with new pledges, IFFIm can continue to maintain its frontloading capacity and accelerate funding to Gavi.

## 1.7 DOES IFFIm FRONTLOADING MEAN GAVI WILL HAVE LESS MONEY AVAILABLE FOR IMMUNISATION IN THE FUTURE?

No, because IFFIm is only one source of funding for Gavi. Other sources include direct contributions from governments as well as other innovative finance mechanisms such as the [Gavi Matching Fund](#) and the [Advance Market Commitment](#). By providing a high proportion of initial funding, IFFIm helped Gavi to establish its credentials early on by generating significant and rapid impacts and attracting other sources of funding.

## 1.8 WHAT IS THE STRUCTURE OF IFFIm's MANAGEMENT AND OPERATIONS?

IFFIm was established in 2006 as a UK charity, with no employees. It functions through the partnership of donors, the IFFIm Board, the World Bank and Gavi.

- **Donors** make long-term, irrevocable and legally binding future pledges that enable IFFIm to raise money in the capital markets. They are the primary stakeholders of IFFIm.
- **The IFFIm Board**, currently consisting of eight directors with experience in finance, capital markets and multilateral development banks, is responsible for governing IFFIm. All directors work on a pro bono basis.
- **The World Bank** is IFFIm's treasury manager; it manages IFFIm's finances to the same prudent standards that it manages its own finances. With its strong institutional reputation and financial market expertise, the World Bank enables IFFIm to leverage donor pledges for Gavi's vaccination programmes through the issuance of vaccine bonds on international capital markets.
- **Gavi** is the sole recipient of funds raised by IFFIm in the capital markets; it uses IFFIm funds to accelerate access to immunisation for children in poor countries. Additionally, the Gavi Secretariat donates services towards the management of IFFIm.

<sup>2</sup> This independent evaluation was carried out by London-based healthcare consulting firm HLSP in 2011. More information can be found at <http://www.iffim.org/Library/News/Announcements/Independent-evaluation-confirms-IFFIm-success/>

## 1.9 WHAT IS IFFIm's IMPACT?

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To date, IFFIm has provided 17% (over one-sixth) of Gavi's funding to support its life-saving vaccination programmes. It has been the driving force behind some of Gavi's historic achievements in global health, including:

- Playing a transformative role in global health, facilitating Gavi's routine immunisation of over 233 million additional children, with 142 million immunised well ahead of actual donor payments.
- Shaping the pentavalent market to secure supplies and lower costs of the vaccine, with total IFFIm support exceeding US\$ 1.5 billion.
- Accelerating Gavi's response to the COVID-19 pandemic by frontloading over 90% of IFFIm COVAX AMC pledges.
- Enabling Gavi to respond swiftly to halt the 2014 Ebola crisis by providing US\$ 300 million standby funding.
- Helping to bolster countries' health systems that deliver life-saving vaccines and prevent disease outbreaks, by directing nearly 10% of its funds to the health system strengthening programmes.

### 1.10 WHY IS IFFIm CRITICAL TO GAVI?

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IFFIm is critical to Gavi because it provides the following benefits:

**Financial stability and predictability:** IFFIm provides Gavi with a stable and predictable stream of funding. This financial predictability is crucial for long-term planning, market shaping of new vaccines and the sustainability of immunisation programmes.

**Flexibility in funding:** The frontloaded funding model of IFFIm gives Gavi the flexibility to respond to urgent needs and emerging health threats, such as outbreaks and pandemics, without delay. This agility is essential for the effective and prompt deployment of public health interventions.

**Leveraging capital markets:** IFFIm allows Gavi to access resources that would not be available through traditional funding mechanisms alone and reach new audiences and advocates, including investors in strategically significant regions like the Gulf Region, Europe and Asia.

**Partnership and donor support:** IFFIm has garnered strong support from donor governments, which back the bonds issued by IFFIm. This broad donor base enhances the credibility and financial strength of Gavi's funding mechanisms.

**Scaling up immunisation programmes:** Funding from IFFIm has allowed Gavi to scale up immunisation significantly. This scaling up is essential for reaching larger populations and achieving global immunisation targets.

**Encouraging investments in health:** By demonstrating the effectiveness of innovative financing for health, IFFIm encourages further investment in global health initiatives. This has a multiplier effect, attracting more resources to the sector.

### 1.11 WHAT IS IFFIm's ROLE IN GAVI'S FUTURE STRATEGY?

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In June 2024, the Gavi Board approved a five-year strategy for the period 2026-2030, known as 'Gavi 6.0'. On 20 June 2024, the Gavi Alliance, together with the Government of France and the African Union, launched the Investment Opportunity for Gavi 6.0 to support its next replenishment, during the Global Forum for Vaccine Sovereignty and Innovation in Paris, France. The launch aims to mobilise at least US\$ 9 billion in new donor funding for Gavi 6.0. Gavi estimates a total expenditure of at least c. US\$ 12 billion for Gavi 6.0. IFFIm's proven model is crucial for Gavi's 6.0 goals, making its replenishment integral to the 6.0 replenishment effort. IFFIm's critical role in Gavi 6.0 is described in [2024 Spotlight](#) on pages 6-7.

## 1.12 HOW HAS IFFIm's WORK BEEN RECOGNISED?

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IFFIm has earned accolades and recognition for its innovation and reliability, and has proven to the world that it's possible to harness the power of capital markets to support progress in global health and other development sectors.

A strong endorsement of IFFIm emerged from the Third International Conference on Financing for Development, held in July 2015 in Addis Ababa, Ethiopia. There, high-level country, NGO, business and institutional leaders adopted a far-reaching resolution that singled out IFFIm as a tool that can transform other sectors in the way it transformed global vaccine programmes. IFFIm has also been recognised for its innovation by global health organisations and financial media around the world.

- The UK's Foreign, Commonwealth and Development Office awarded IFFIm an A+ rating for effectiveness, efficiency and economy in 2023.
- News analytics provider *mtn-i* recognised IFFIm for its SRI innovation:
  - Named IFFIm's 2019 Vaccine Bond issuance "Deal of the Year" in 2019;
  - Awarded IFFIm "SRI Innovation of the Decade" in 2013.
- IFFIm's ground-breaking US\$ 500 million sukuk, or Islamic financial certificate transaction, won six industry awards in 2015:
  - *Islamic Finance News* (a leading Islamic finance news provider): Winner, Social Impact Deal of the Year 2014;
  - *Euromoney*: Innovation in Islamic Finance;
  - *EMEA Finance*: Best Supranational Sukuk for 2014;
  - *The Asset*: Triple A Islamic Finance Award for Best Sukuk for Social Good;
  - *Financial Times / IFC*: Achievement in Transformational Finance Award; and
  - *Global Finance*: Islamic Finance Deal of the Year.
- The G8 and the World Health Organization recognised IFFIm in 2012 as an innovative financial solution for catalysing development.
- *EuroWeek* magazine named IFFIm's inaugural uridashi bond one of the market's 25 most influential transactions in 2012.



## 2 Converting pledges into funding










This section explains how IFFIm transforms pledges from sovereign donors into funding for Gavi's life-saving vaccination programmes.

### 2.1 DONORS AND PLEDGES

#### 2.1.1 WHO ARE IFFIm's DONORS? HOW MUCH HAVE THEY PLEDGED TO IFFIm?

IFFIm's donors are sovereigns that want to accelerate the impact of vaccination through a flexible funding mechanism. Currently there are 11 donor countries: Australia, Brazil, Canada, France, Italy, the Netherlands, Norway, South Africa, Spain, Sweden and the United Kingdom.

Figure 3 US\$ 9.7 billion in donor commitments\*

	<b>United Kingdom</b> US\$ 4.23 billion over 23 years		<b>Spain</b> US\$ 427 million over 30 years
	<b>France</b> US\$ 1.88 billion over 20 years		<b>Australia</b> US\$ 346 million over 20 years
	<b>Norway</b> US\$ 1.07 billion over 25 years**		<b>Sweden</b> US\$ 325 million over 25 years
	<b>Italy</b> US\$ 821 million over 25 years		<b>Canada</b> US\$ 92 million over 8 years
	<b>The Netherlands</b> US\$ 487 million over 20 years		<b>South Africa</b> US\$ 20 million over 20 years
			<b>Brazil</b> US\$ 20 million over 20 years

\* As of June 2024.

IFFIm pledges are expressed in US\$ equivalent amounts of national currency calculated using prevailing exchange rates around the time each grant agreement is signed.

\*\* Includes additional pledges to support the Coalition for Epidemic Preparedness Innovations (CEPI) through Gavi for the development of COVID-19 vaccine candidates.

To date, donors have pledged a total of US\$ 9.7 billion to IFFIm. IFFIm continues to engage with existing donors and with new donors, particularly in Asia and the Middle East, to explore prospects for further pledges.

#### WHY DOES IT MAKE SENSE FOR DONORS TO PLEDGE MONEY TO IFFIm?

The IFFIm model provides sovereign donors with a way to spread their contributions over time, yet still provide immediate support to Gavi's vaccination programmes. This allows donors to "act today but pay later" and make an immediate impact on children's lives globally.

IFFIm presents a unique opportunity for EU donors to leverage special accounting treatments sanctioned by Eurostat, the EU's statistical office. Eurostat's rulings provide that: (1) borrowings on the capital markets are not recorded as borrowing or debt obligations for donor governments; and (2) government pledges to IFFIm are recorded as government expenditure only payments are made. As a result, a long-term pledge to IFFIm does not increase a Eurostat-regulated government's debt.

Additionally, IFFIm's one-of-a-kind model allows donors to demonstrate their leadership on the global stage, supporting both immunisation and innovative finance.

#### 2.1.2 WHAT ARE THE DONORS' PAYMENTS SUBJECT TO?

Donors' payments to IFFIm, while legally binding, are conditional and subject to the grant payment condition (see [Section 2.2.2](#)).

#### 2.1.3 HOW DO DONORS PLEDGE TO IFFIm?

Donors make irrevocable and legally binding commitments to Gavi under a grant agreement, which Gavi then assigns to IFFIm. As these commitments are the basis on which IFFIm raises money on the capital markets, they are subject to a strict validation process.

## NEW DONORS

As part of the accession process to IFFIm, each new donor must enter into a number of agreements, including:

- **Accession Letter to Finance Framework Agreement** between the donor, IFFIm, Gavi and the World Bank, laying out the roles and obligations of each party in a formal agreement;
- **New Grant Agreement** between the donor and Gavi, under which the donor will commit to making grant payments to Gavi in accordance with the agreed grant payment schedule, which Gavi then assigns to IFFIm;
- **Deed of Assignment** between IFFIm and Gavi to assign the rights, benefits, title and interest in and under the new grant agreement to IFFIm;
- **Notice of Assignment and Acknowledgement** to perfect the deed of assignment between the donor and Gavi; and
- **Grant Payment Administration Agreement** between the donor, IFFIm and the World Bank to set out the procedural and administrative matters governing the making of the grant payments.

Once these are agreed, the new donor's accession to IFFIm must be formally approved by all existing donors.

## EXISTING DONORS

Existing donors have already undertaken accession to IFFIm, so they undergo a simplified process to make additional pledges. Upon the signing of a new pledge, existing donors must enter into several agreements, including:

- **Grant Agreement** between the donor and Gavi, under which the donor will commit to making grant payments to Gavi in accordance with the agreed grant payment schedule;
- **Deed of Assignment** between IFFIm and Gavi to assign the rights, benefits, title and interest in and under the new grant agreement to IFFIm;
- **Notice of Assignment** to perfect the deed of assignment between the donor and Gavi; and
- **Grant Payment Administration Agreement** between the donor, IFFIm and the World Bank to set out the procedural and administrative matters governing the making of the grant payments.

For both new and existing donors, Gavi and the World Bank prepare first drafts of the above documents for the donor to review and comment. The donor needs to engage external legal counsel to review the documents and obtain a legal opinion from its legal counsel that it has the capacity, authority and the necessary approvals to enter into the documents. Separately, IFFIm will request legal opinions from its lawyers that the documents are binding and enforceable.

### 2.1.4 HOW DO DONORS KNOW THE IMPACT OF THEIR INDIVIDUAL PLEDGES?

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IFFIm leverages the combined value of all donor pledges to raise money in the capital markets and then funds Gavi from the proceeds. This means that the pledges of individual countries support neither a specific IFFIm bond nor a specific Gavi programme. However, IFFIm does provide each donor with an estimated measure of the proceeds they generate for Gavi, based on an agreed-upon methodology. Details of this methodology appear in [Section 2.5](#).

### 2.1.5 DOES IFFIm's FRONTLOADING MODEL MEAN THAT DONORS' FUTURE PLEDGES WILL BE USED TO PAY DOWN DEBT RATHER THAN ADD VALUE TO GAVI?

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Donors' current and future pledges have created value through IFFIm by providing significant upfront funding for Gavi's life-saving vaccination programmes.

IFFIm can enter into a phase where donor contributions to IFFIm exceed the proceeds that IFFIm provides to Gavi. This is in line with how IFFIm was designed, ie to provide maximum funds upfront to Gavi. This means there are fewer proceeds from IFFIm to be drawn in later years, although IFFIm will still have obligations to pay off bondholders.

However, IFFIm can maintain or increase its frontloading capability to generate proceeds to Gavi by replenishing its future asset base with new pledges.

## 2.2 MECHANICS OF APPLYING PLEDGES TO THE IFFIm MODEL

### 2.2.1 HOW DOES IFFIm CONVERT FUTURE PLEDGES INTO IMMEDIATE CASH FOR VACCINATIONS?

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IFFIm's assets are irrevocable and legally binding pledges made by donor countries. It leverages these assets to issue bonds on the capital markets where investors provide funds up front in exchange for future repayment of the principal amount along with interest. For example, IFFIm's first bond issuance in 2006 raised US\$ 1 billion to be repaid after five years at an interest rate of 5% (a competitive rate at the time of a high interest rate environment).

To maximise the amount of money it raises from bond issues and to minimise the amount it has to pay out in interest to bond buyers, IFFIm must ensure it has a high credit rating.

A higher credit rating gives investors greater confidence that the bond issuer is creditworthy – that is, IFFIm will make interest payments on time and return capital in full when the bond matures. Thus, the higher the credit rating, the safer the investment is perceived to be and the more willing bondholders will be to accept lower interest rates (see also [Section 3.2](#)).

The World Bank, as IFFIm's treasury manager, takes every possible step to ensure that its credit rating is high. Key to a high rating is the highly rated base of donors, their strong commitment to IFFIm, the irrevocable and legally binding nature of their pledges and the conservative financial management of IFFIm by the World Bank.

An additional component considered by rating agencies is the **grant payment condition**.

### 2.2.2 WHAT IS THE GRANT PAYMENT CONDITION?

---

Although donors agree to irrevocable and legally binding payments of pre-agreed amounts over a number of years, their annual payments are conditional and governed by the grant payment condition (GPC). The GPC stipulates that donors' payments to IFFIm are reduced in the event that a programme country (ie one that is part of the initial group of Gavi implementing countries) enters into protracted arrears with the International Monetary Fund (IMF).<sup>3</sup>

### 2.2.3 WHAT IS THE IMPACT OF THE GRANT PAYMENT CONDITION?

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If a country falls into protracted arrears with the IMF, the amount of donor pledges paid to IFFIm will be reduced by the percentage that the country represents in the Reference Portfolio.<sup>4</sup> There is currently no Gavi eligible country in protracted arrears with the IMF. This means donor annual payments on their IFFIm pledges will be 100% of the pre-agreed amount.

Since IFFIm issues bonds on the basis of donor pledges, the fact that donor payments can be reduced because of the grant payment condition presents a risk to bondholders; a risk that is outside IFFIm's control. To mitigate this risk, IFFIm only issues bonds against part of overall donor commitments to provide a "cushion" between income from donor commitments and payments to bondholders. The greater the cushion, the lower the perceived risk to bondholders and therefore the lower the borrowing cost but also the less capital IFFIm can raise.

The size of this cushion is set by the **gearing ratio limit**.

<sup>3</sup> Countries are considered to be in protracted arrears when payments on IMF financial obligations have not been met for six months.

<sup>4</sup> The Reference Portfolio contains all Gavi eligible countries that are also members of the IMF.

## 2.2.4 WHAT IS THE GEARING RATIO LIMIT?

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To mitigate the risk of the grant payment condition and help maintain IFFIm's credit rating, IFFIm only issues bonds against a portion of overall donor commitments. The remainder, which is still available to IFFIm over time but cannot be frontloaded, creates a cushion or reserve to protect bondholders against adverse credit events.

The size of this reserve is set by the gearing ratio limit (GRL). Historically, in order to support a strong credit rating, the aggregate amount of IFFIm's net debt (bonds outstanding less cash) has been limited to approximately two thirds of the present value of the pledges. This limit leaves a significant amount of the future grant funding as a cushion.

The GRL is currently set so that the value of outstanding borrowings, less cash held by IFFIm, does not exceed 73.4% of the present value of outstanding pledges (as of June 2024). Setting the GRL at this level indicates that IFFIm can withstand donor payments being reduced by up to 26.6% and still be able to repay bondholders in full. This policy satisfies the expectations of the credit rating agencies to award IFFIm with a strong credit rating, which is critical to its ability to raise funds at a low cost.

## 2.2.5 HOW DOES IFFIm MAKE SURE IT HAS ENOUGH LIQUIDITY TO MEET ITS LIABILITIES?

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Maintaining an adequate level of liquidity is critical for the credit rating agencies' assessment of the financial strength of IFFIm. IFFIm's liquidity policy requires it to maintain a minimum liquidity balance equivalent to 12 months' projected debt service (the amount of interest payments to bondholders plus repayment of principal for maturing bonds).

## 2.3 CAPITAL MARKET ACTIVITIES

### 2.3.1 WHAT ARE IFFIm BONDS?

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IFFIm bonds, also known as vaccine bonds, are socially responsible investment-grade<sup>5</sup> bonds supported by sovereign donors' commitments. They can be issued in any currency and have varying maturities, but the average term of IFFIm vaccine bonds is three to five years. The interest rate on IFFIm's bonds is similar to those of other similarly rated sovereign or supranational issuers.

### 2.3.2 WHO INVESTS IN IFFIm's VACCINE BONDS, AND WHY DO THEY INVEST WITH IFFIm?

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IFFIm bonds attract a wide range of investors globally, in both institutional and retail markets. IFFIm provides investors with a portfolio diversification opportunity and attractive returns in an award-winning impact investment. Vaccine bonds are among the very first highly rated impact or "social" bonds, an asset class that is expanding rapidly. By accessing such a wide range of investors, IFFIm is able to achieve efficient costs.

#### INVESTOR DIVERSIFICATION: IFFIm's INNOVATIVE SUKUKS

IFFIm raised a total funding of US\$ 750 million in the Islamic financial market with its inaugural US\$ 500 million vaccine sukuk in 2014, US\$ 200 million sukuk in 2015, and US\$ 50 million sukuk in 2019. Sukuks are financial certificates that comply with Islamic financing principles.

These sukuks attracted both traditional sukuk investors and conventional investors with a strong environmental, social and governance (ESG) focus, some of whom were purchasing a sukuk for the first time. With participation of about 65% of investors from the Middle East and 18% in Asia, these issuances greatly helped IFFIm diversify its investor base.

<sup>5</sup> An investment grade is a rating that indicates that a bond has a relatively low risk of default allowing financial institutions (eg banks) to invest in them. More specifically, market convention defines investment grade as having a rating of BBB- (or its equivalent) or higher.



Table 1 Timeline / list of issuances

DATE	TRANSACTION	CURRENCY*	LEAD MANAGER	AMOUNT (US\$ eq)
2006	Inaugural benchmark	USD	Deutsche Bank, Goldman Sachs	1,000 million
2008	Uridashi	ZAR	Daiwa Securities	223 million
2009	Uridashi	AUD, NZD, ZAR	Daiwa Securities	429 million
2009	Sterling	GBP	HSBC, Royal Bank of Scotland	400 million
2009	Uridashi	USD, AUD	Mitsubishi UFJ Securities	143 million
2009	Uridashi	AUD, ZAR	HSBC	130 million
2010	Uridashi	ZAR	Daiwa Securities	320 million
2010	Uridashi	AUD, BRL, ZAR	HSBC	101 million
2010	Kangaroo	AUD	Commonwealth Bank of Australia, RBC Capital Markets	395 million
2010	Eurobond	AUD	TD Securities	34 million
2011	Uridashi	BRL	Daiwa Securities	225 million
2011	Uridashi	AUD, BRL, ZAR	J.P. Morgan	169 million
2012	Uridashi	AUD, ZAR	HSBC	98 million
2012	Uridashi	AUD	J.P. Morgan	38 million
2013	Uridashi	TRY, ZAR	Daiwa Securities	139 million
2013	Global benchmark	USD	Daiwa Securities, Deutsche Bank	700 million
2014	Sukuk	USD	Standard Chartered	500 million
2015	Sukuk	USD	Standard Chartered	200 million
2016	Global benchmark	USD	Citi, Deutsche Bank, J.P. Morgan	500 million
2017	Global benchmark	USD	Citi, Crédit Agricole CIB, Goldman Sachs	300 million
2019	Sukuk	USD	UsDB, First Abu Dhabi Bank	50 million
2019	Norwegian krone	NOK	Skandinaviska Enskilda Banken, Toronto-Dominion Bank	66 million
2020	Norwegian krone	NOK	Skandinaviska Enskilda Banken, Crédit Agricole CIB	200 million
2020	Global benchmark	USD	Citi, Crédit Agricole CIB, TD Securities	500 million
2021	Global benchmark	USD	Deutsche Bank, JP Morgan, TD Securities	750 million
2021	Global benchmark	USD	Deutsche Bank, TD Securities	250 million
2022	Sterling	GBP	Barclays, TD Securities	300 million
2022	Global benchmark	GBP	Citi, Deutsche Bank, TD Securities	500 million
			<b>TOTAL US\$</b>	<b>8,660 million</b>

\* Currency note: AUD (Australian Dollar), BRL (Brazilian Real), GBP (British Pound), NZD (New Zealand Dollar), NOK (Norwegian Krone), TRY (Turkish Lira), USD (US Dollar), ZAR (South African Rand).

### 2.3.3 IN HOW MANY MARKETS HAS IFFIm ISSUED VACCINE BONDS?

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Since 2006, IFFIm has successfully raised US\$ 8.7 billion through 41 issuances in eight currencies attracting investors from all over the world (as of June 2024). IFFIm bonds have been issued in Australia, Japan, Norway, the United Kingdom and the United States. IFFIm has also issued sukuk in the Islamic financial markets, initially with its 2014 US\$ 500 million sukuk, followed by issuances of US\$ 200 million in 2015 and US\$ 50 million sukuk in 2019.

### 2.3.4 WHY DOES IFFIm ISSUE BONDS IN DIFFERENT CURRENCIES AND GEOGRAPHIES?

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IFFIm issues bonds in the currency and geography that is most beneficial in terms of overall cost, demand and investor diversification.

Issuing bonds in different currencies and regions enables IFFIm to attract new investors and broaden its geographical reach. The sukuk issuances, for example, enabled a strong engagement from Middle Eastern investors.

In addition to financial markets benefits, diversification provides an opportunity to introduce both IFFIm and Gavi to markets in new countries, thereby raising the profile of both organisations. This also helps promote Gavi's life-saving model to audiences not typically reached by Gavi, such as investors in strategically important regions like the Gulf Region, Europe and Asia.

## 2.4 FUNDING COSTS

### 2.4.1 WHAT IS THE AVERAGE FUNDING COST FOR IFFIm, AND HOW DOES IT COMPARE TO OTHER FUNDING SOURCES?

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As of December 2023, IFFIm's weighted average cost of funding on all bond issues since its inception is US\$ SOFR +34 bps, compared to the weighted average funding cost of its donors of US\$ SOFR +27 bps.<sup>6,7</sup>

By design, IFFIm, on average, would have to pay a higher rate of interest than its donors, but this would be outweighed by the value of IFFIm's structure, which enabled it to "frontload" funding. However, in the past years, IFFIm was able to borrow at lower average rates than the donors' composite cost. This was considered an added benefit.

### 2.4.2 HOW EFFICIENTLY DOES IFFIm MANAGE ITS LIQUIDITY AND KEEP OPERATIONAL COSTS LOW?

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IFFIm's risk management policies require it to hold a minimum level of liquidity, but IFFIm may also hold liquid assets for other reasons, such as pre-funding under attractive market conditions. IFFIm's liquidity portfolio is invested in high-grade fixed income instruments, generating returns that partly offset the funding costs that IFFIm incurs in supporting Gavi's activities. IFFIm's relative funding cost versus investment return, or "cost of carry", provides one aspect of its financing efficiency measure. A positive carry implies that IFFIm's liquidity is yielding a higher return than IFFIm's funding costs.

The aspiration is for the average cost of funding to be equal to or less than the investment return. As of December 2023, IFFIm's average funding cost matched its average investment return over the past three years, resulting in a zero cost of carry.

<sup>6</sup> **SOFR** is an abbreviation of the Secured Overnight Financing Rate. It is a benchmark interest rate for dollar-denominated derivatives and loans that replaced the London Interbank Offered Rate (LIBOR) for a 3-month deposit. For example, on 1 August 2023, the 3-month US\$ SOFR was 5.1%.

<sup>7</sup> **Bps** is an abbreviation for basis points. One basis point is equal to 1/100th of 1%, or 0.01%. This means that if the SOFR rate is 5.1%, the SOFR+10 bps would be 5.2%.

More information on the above terms can be found at <http://www.investopedia.com/>

## 2.5 DISBURSEMENT TO GAVI

### 2.5.1 HOW MUCH HAS IFFIm DISBURSED TO GAVI SO FAR?

In total IFFIm disbursed over US\$ 5.8 billion to support Gavi's life-saving vaccination programmes as of December 2024.

- Over the 2006-2010 strategic period, IFFIm provided US\$ 1.9 billion to Gavi.
- Over the 2011-2015 strategic period, IFFIm provided US\$ 600 million to Gavi.
- Over the 2016-2020 strategic period, IFFIm provided US\$ 872 million to Gavi.<sup>8</sup>

In the current 2021-2025 period, IFFIm has provided approximately US\$ 2.5 billion to Gavi, including funding for the COVAX AMC.

### 2.5.2 HOW MUCH WILL IFFIm PROVIDE IN THE FUTURE?

In the current strategic period (2021-2025), IFFIm is expected to disburse over US\$ 3.2 billion to Gavi for its immunisation programmes, including COVAX.

### 2.5.3 WHY HASN'T ALL THE MONEY RAISED BY IFFIm GONE TO GAVI?

IFFIm needs to retain a proportion of the money it raises to service interest payments, repay capital when bonds mature and maintain its liquidity cushion. Table 2 shows the use of IFFIm resources from inception until December 2023.

Table 2

Use of IFFIm resources between 2006-2023 (in US\$ million)

IFFIm CUMULATIVE CASH FLOWS AS OF December 31, 2023	
Cash inflows	
Total bond proceeds <sup>†</sup>	8,665
Donor payment receipts <sup>†</sup>	4,692
Interest income	194
Swap recouping (inflow)	20
Cash outflows	
Debt redemption (principal repayment)	6,658
Debt service (interest payment)	303
Disbursements to Gavi	5,826
Administrative expenses	66
Swap recouping (outflow)	200
Cash on hand	520

Notes:

Figures may not add up due to rounding. All figures include funding related to the CEPI Arrangement.

<sup>†</sup> Hedged amounts are valued based on the actual swap with any unhedged amount valued at the spot exchange rate at the time of receipt. These figures may differ from those that will appear in IFFIm's financial statements and / or World Bank reporting on IFFIm.

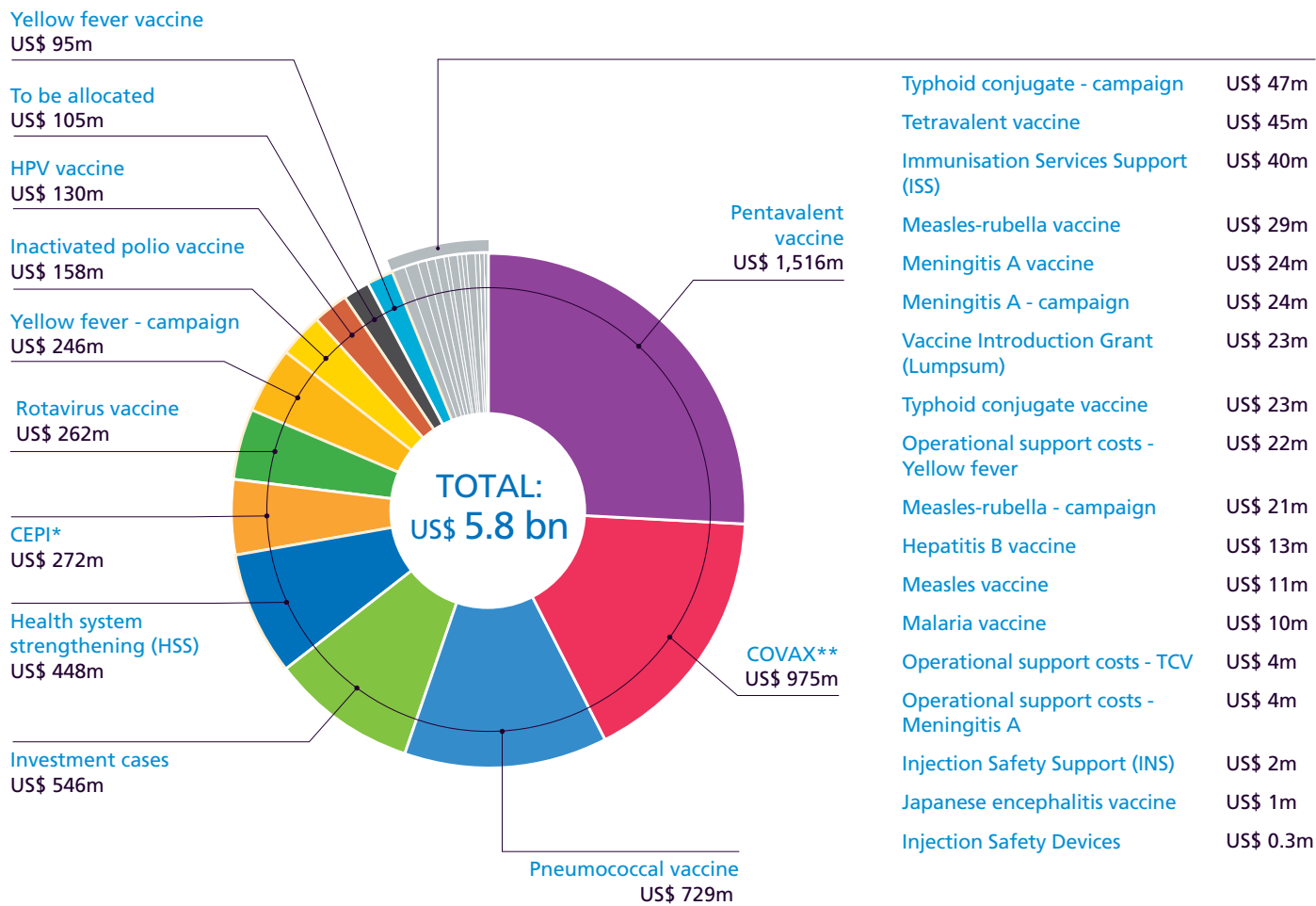
<sup>8</sup> This includes US\$ 272 million of funding for CEPI.

## 2.5.4 HOW ARE THE FUNDS GENERATED THROUGH IFFIM DISBURSED BY GAVI?

Figure 4 shows how Gavi has spent the money provided by IFFIm since inception, as of March 2024.

Figure 4 Gavi disbursement of IFFIm funds

2006 to March 2024: US\$ 5.8 billion (for Gavi core programmes)



\* In 2023, Spain signed an IFFIm grant to support the CEPI 2.0 programme. The transfer of funds is currently being processed.

\*\*One-time tactical investments in disease prevention and control ("Investment cases").



## 2.5.5 WHICH COUNTRIES ARE ELIGIBLE FOR SUPPORT FROM GAVI?

Gavi focuses its support on the world's poorest countries, so eligibility is determined by national income. Countries with a Gross National Income (GNI) per capita below or equal to US\$ 1,730 (based on the World Bank data for the latest available year) on average over the past three years qualify for support. In total, 54 countries were eligible to apply for new Gavi support in 2024.

## 2.5.6 HOW DOES GAVI/IFFIm DECIDE WHICH PROJECTS TO SUPPORT?

Eligible countries submit programme applications to Gavi. An Independent Review Committee studies the applications and makes recommendations on funding decisions to Gavi. These then go to the Gavi Board, Executive Committee or Gavi's CEO and, if approved, Gavi may request IFFIm to fund a portion of these programmes. This request would then need to be approved by the IFFIm Board.<sup>9</sup>

Table 3 Donors' share of proceeds

DONOR COUNTRY	2006-2010		2011-2015		2016-2020*		2021-2025 (forecast)**	
	US\$ million	% of total	US\$ million	% of total	US\$ million	% of total	US\$ million	% of total
Australia	–	–	38	6.3%	78	5.9%	81	3.3%
Brazil	–	–	–	–	10	0.7%	6	0.2%
Canada	–	–	–	–	–	–	44	1.8%
France	531	28.3%	152	25.4%	396	30.2%	202	8.1%
Italy	209	11.2%	63	10.5%	101	7.7%	157	6.3%
The Netherlands	47	2.5%	14	2.3%	73	5.6%	187	7.5%
Norway	106	5.7%	30	5.0%	42	3.2%	350	14.0%
South Africa	7	0.4%	2	0.3%	3	0.2%	1	0.0%
Spain	85	4.5%	20	3.3%	33	2.5%	91	3.7%
Sweden	14	0.8%	3	0.6%	5	0.4%	234	9.4%
United Kingdom	876	46.7%	278	46.3%	574	43.7%	1,138	45.6%
<b>Total</b>	<b>1,876</b>	<b>100%</b>	<b>600</b>	<b>100%</b>	<b>1,314</b>	<b>100%</b>	<b>2,494</b>	<b>100%</b>

\* These figures include strategic deferral of US\$ 714m and include funding for the CEPI arrangement. Strategic deferrals refer to IFFIm proceeds initially planned to be disbursed during the current strategic period that have been reallocated to the next strategic period.

\*\* These figures include forecasts for the COVAX AMC.

<sup>9</sup> Countries that are not members of the IMF will not benefit from IFFIm funds; this restriction currently applies to Cuba and the Democratic People's Republic of Korea.

## 2.5.7 WHAT IS EACH DONOR'S SHARE OF IFFIm PROCEEDS TO GAVI?

Table 3 shows each donor's contribution to the proceeds that Gavi received from IFFIm in the 2006-2023 period. Funds paid into IFFIm by donors are considered IFFIm contributions. Funds disbursed to Gavi are considered IFFIm proceeds or "donor proceeds".

## 2.5.8 HOW IS EACH DONOR'S SHARE OF PROCEEDS CALCULATED?

One of IFFIm's main strengths is its ability to transform the long-term pledges made by donors into immediate cash for Gavi. However, this also means that the amount a donor contributes each year may differ substantially from the amount that Gavi actually receives from IFFIm in that year.

In order for donors to measure and communicate the impact of their pledges, Gavi, IFFIm and donors have developed a method of measuring each donor country's share of the funding Gavi receives, as outlined below and shown in Figure 5.

1. Gavi sums the present value (PV) of each donor's available future funds (ie those that have not already been borrowed against) over a given period to get the total available future funds.

2. Gavi uses this figure to calculate each country's pro rata share of total available future funds in that same period.
3. The pro rata share is applied to the funds IFFIm provides to Gavi over the given time period to represent each donor's contribution.

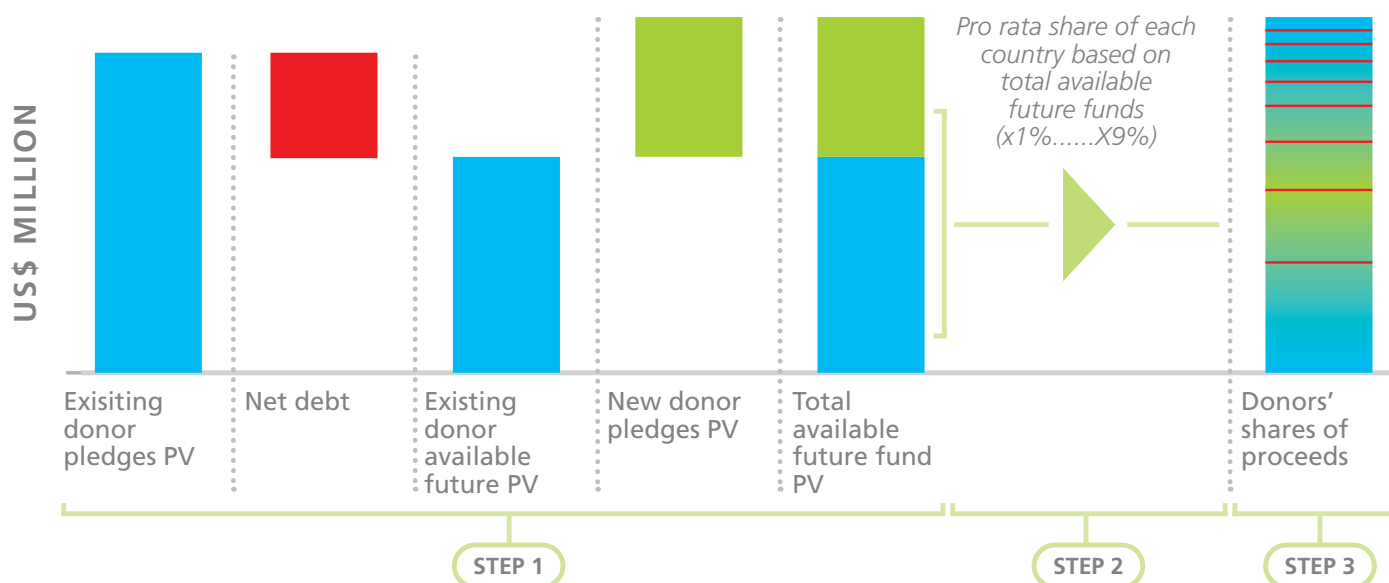
This method is also applied to new donors. As none of their pledges have been borrowed against yet, they would have the full value of their pledges included in their future available funds.

## 2.5.9 WHAT ARE THE BENEFITS OF THE PROCEEDS CALCULATION METHODOLOGY?

This method offers several benefits:

- **flexibility to accommodate new donors:** new donors joining IFFIm at different times can easily be incorporated;
- **consistency of treatment:** both past and future allocations are calculated with a similar method for new and existing donors;
- **short reporting intervals:** proceeds are calculated for discrete time periods, coinciding with Gavi's five-year business cycles;
- **no need for retroactive adjustments:** historical proceeds are not revised going forward.

Figure 5 Donors' share of proceeds calculation methodology



## 3 Managing risks

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As IFFIm is active in the capital markets, it must carefully manage its credit rating and the risks associated with financial transactions. This section looks at the financial risks that IFFIm faces and how it addresses them.

### 3.1 RISK MANAGEMENT

#### 3.1.1 WHAT ARE IFFIm's FINANCIAL RISKS, AND HOW DOES IT SEEK TO ADDRESS THESE RISKS?

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IFFIm's activities expose it to three principal types of financial risk: (1) credit risk, (2) liquidity risk, and (3) market risk. IFFIm seeks to mitigate each of these risks based on a risk management strategy approved by its board. IFFIm's mitigation of each type of financial risk is described below:<sup>10</sup>

1. Credit risk: IFFIm's credit ratings are closely tied to the credit ratings of its donors. A change in the outlook for, or a downgrade of, the credit rating of one of the major donors may cause one or more of the credit rating agencies to review its outlook or credit rating for IFFIm and to amend such outlooks or credit ratings accordingly. A change in the credit rating of IFFIm may affect the market value of IFFIm's debt. Key to managing this risk is maintaining the highly rated base of donors, their strong commitment to IFFIm, the irrevocable and legally binding nature of their pledges and the conservative financial management of IFFIm by the World Bank. The risk is also covered under Sections 2.2 and 3.2.
2. Liquidity risk: Under its liquidity policy, IFFIm seeks to maintain an adequate level of liquidity to meet its operational requirements, provide predictability of programme funding and support its credit rating. Taking these factors into account, IFFIm maintains a minimum liquidity equivalent to its cumulative contracted debt service payments for the next 12 months. Further, IFFIm's bond issuances are managed against the present value of expected future cash flows from the donor pledges, in view of the grant payment condition and other credit factors, in accordance with the GRL model. This risk is further described in Section 2.2.

3. Market risk: IFFIm's market risk is comprised of interest rate and foreign exchange rate risks. IFFIm mitigates these risks through the use of interest rate and currency swaps. Donor pledges are swapped into US dollar floating rate assets and, at issuance, IFFIm's bonds payable are swapped into US dollar floating rate liabilities. This risk is further described in Section 3.2.

### 3.2 HEDGING AND SWAPS

#### 3.2.1 WHAT IS THE CONTEXT FOR IFFIm's RISK MANAGEMENT STRATEGY ON MARKET RISK?

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A large majority of Gavi's vaccine and operating expenditures are in US dollars, so IFFIm's payments to Gavi and its overall balance sheet are denominated in US dollars. IFFIm, however, receives contributions and issues bonds in a variety of currencies, predominantly non-US dollars. As a result, it is exposed to currency risks; that is, the risk of loss from fluctuating foreign exchange rates between the cash inflows (donor contributions and bond proceeds) and the cash outflows (payments to Gavi and to bondholders).

In addition, IFFIm is exposed to interest rate risks because each currency attracts different deposit rates and the misalignment in the timing of receiving donor payments, fulfilling bond obligations, and disbursing funds to Gavi.

In order to maintain its financial strength, IFFIm needs to manage all unpredictability associated with fluctuating exchange and interest rates.

<sup>10</sup> Please refer to [IFFIm's Financial Statements](#) for more detail.

### 3.2.2 WHY DOES IFFIm NEED TO USE RISK MANAGEMENT TECHNIQUES SUCH AS SWAPS?

IFFIm uses swaps to hedge all foreign exchange and interest rate exposures as explained in [Section 3.2.1](#) above. Under swap agreements, IFFIm exchanges its foreign currency cash flows into US dollar denominated cash flows at a pre-agreed rate with the World Bank.

This way, IFFIm is able to protect both its assets (donor pledges made in different currencies) and its outstanding debt (IFFIm bonds in different currencies at fixed interest rates) from movements in foreign exchange and interest rates. More specifically, IFFIm does this by swapping all its assets and liabilities into US dollars based on SOFR.

Eliminating unpredictability of fluctuating exchange and interest rates allows IFFIm to maintain the right proportion of debt to its assets, as set by the gearing ratio limit, regardless of market movements, while disbursing to Gavi in US dollars. This is the same risk management mechanism that the World Bank applies to its own assets and liabilities.

Figure 6 illustrates the overall swap mechanism that IFFIm uses to hedge donor pledges and bonds proceeds.

**Donor pledge swaps:** once IFFIm signs a grant agreement with a donor to receive a pledge in non-US dollars, it enters into a currency and interest rate swap agreement with the World Bank (its swap counterparty) where it swaps a non-US dollar denominated donor

pledge (say £ in Figure 6) into floating rate US dollar based on SOFR.

**Bond swaps:** when IFFIm raises funding through a fixed-rate bond issuance in non-US dollars of certain maturity (AU\$ in Figure 6), IFFIm enters into currency and interest rate swap agreements with the World Bank where the bond proceeds are exchanged with the equivalent US dollar amount and the fixed-rate interest of the bond is swapped to US dollar SOFR. By doing so, IFFIm pays borrowing costs pegged to US dollar SOFR to the World Bank and receives a fixed rate in return to pay to the bond investors.

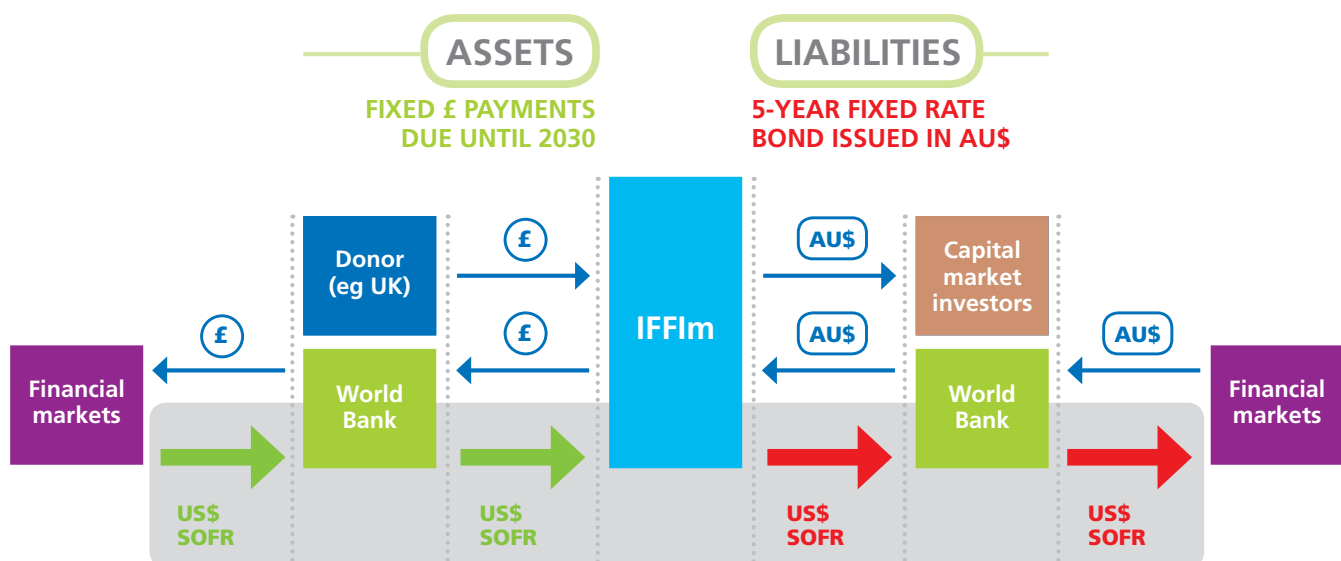
### 3.2.3 WHO DOES IFFIm ENTER INTO SWAPS WITH?

IFFIm's swaps were executed with IFFIm's swap counterparties. IFFIm's Treasury Manager manages IFFIm's swap counterparty credit risk using principles that the Treasury Manager applies to its own swap transactions.

### 3.2.4 HOW DOES IFFIm USE SWAPS TO MANAGE RISKS?

The following sections illustrate how currency and interest rate swap transactions are executed for both donor pledges and bond proceeds.

Figure 6 Hedging donor pledges and bonds





IFFIm DONOR PAYMENTS – CURRENCY SWAPS

When IFFIm signs a grant agreement with a donor in non-US dollars, each payment under the schedule of the total pledge is swapped.

Let us assume a total pledge amount is £100 million to be paid in equal annual payments of £10 million over 10 years. For swap illustration purposes, we will take the first payment of £10 million, which is due in three years. At the date of the swap agreement for this payment, IFFIm calculates what this payment is worth now – ie the present value of £10 million to be received in three years (say £9 million). It then converts the payment into US\$ at the prevailing £/US\$ spot rate (say US\$ 12 million). This base US dollar amount accrues a floating interest rate of SOFR over time. At the grant payment

date (or swap maturity date), IFFIm receives £10 million from the donor and passes that amount to the World Bank (the swap counterparty). In exchange, IFFIm receives US\$ 12 million from the World Bank with the accrued interest based on US\$ SOFR rate.

Figure 7 shows an illustration of the time value of money, namely the value of (A) pound sterling (£) 10 million payment to be made in three years in (B) pound sterling now, (C) US dollar now and (D) US dollar in three years. Note that all are equivalent in value.<sup>11</sup>

<sup>11</sup> The implied fixed rate of any future pledge is due to the fact that the amount to be paid does not fluctuate with interest rate and currency exchange rate fluctuations.

Figure 7 Donor payments – currency swaps: time value of money

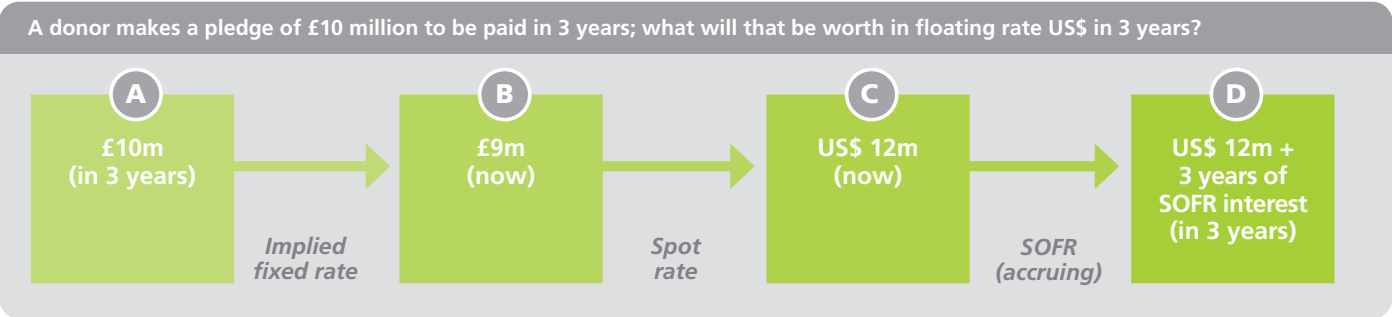
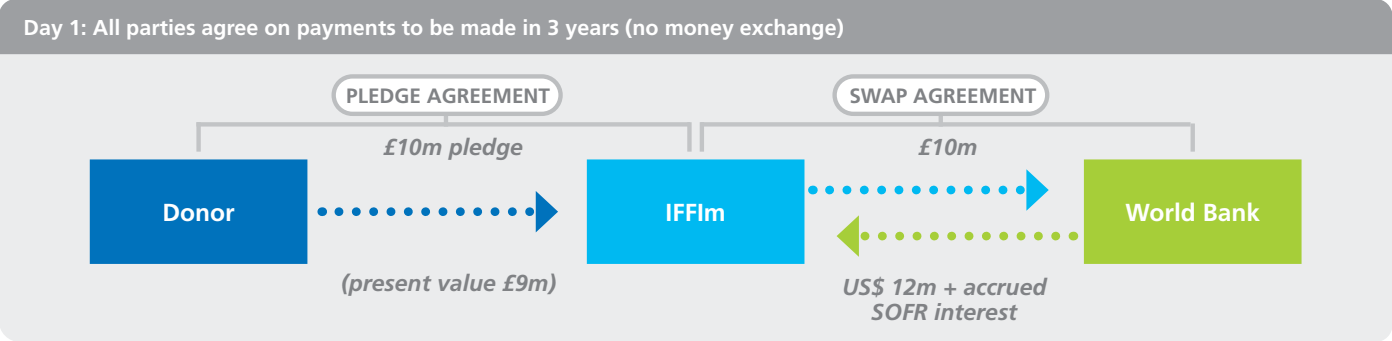


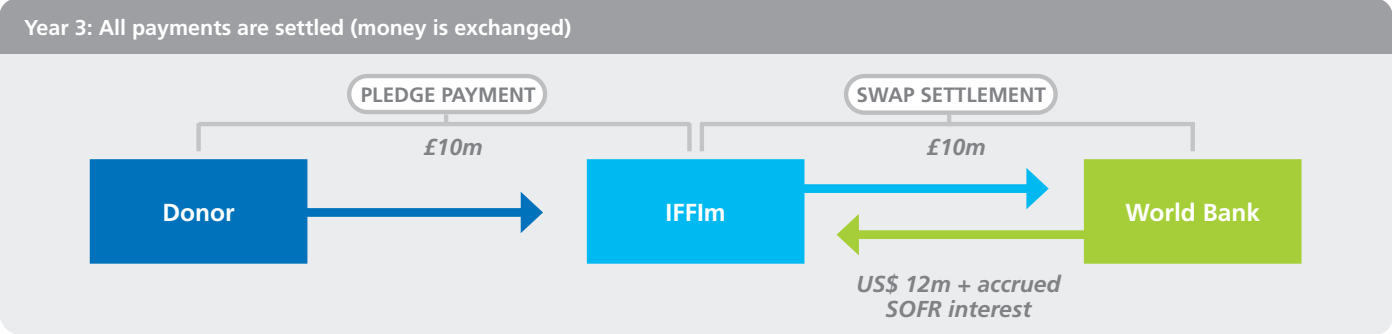
Figure 8 and Figure 9 break down the steps of the transaction that takes place when a donor payment is swapped.

Figure 8 Donor payments – currency swaps: transaction agreement



As per the swap agreement, all payments are made at the grant payment date in year 3.

Figure 9 Donor payments – currency swaps: payment settlement



IFFIm has hereby exchanged a non-US dollar asset (£10 million to be received in three years) into a floating rate SOFR US dollar asset (US\$ 12 million + three-year accrued interest of SOFR).

Each and every payment amount of the donor pledge is swapped until all payments are complete.

**IFFIm BONDS – CURRENCY AND INTEREST RATE SWAPS**

Let us assume that IFFIm issues a three-year AU\$ 100 million bond that pays a fixed interest rate of 2%. The transaction would have the cash flows as shown in Figure 10.

However, IFFIm would like to swap the AU\$ 100 million for the equivalent US dollar amount and the 2% fixed interest rate for a US dollar SOFR floating rate to match its other assets and liabilities. As illustrated in Figure 11, it enters into a swap agreement with the World Bank whereby it exchanges the AU\$ 100 million on Day 1 at the prevailing AU\$/US\$ spot rate (let us assume US\$ 80 million) and pays a US dollar SOFR floating rate over three years. At the bond maturity, IFFIm returns US\$ 80 million to the World Bank and receives the bond principle of AU\$ 100 million, which it passes as repayment to the bond investors.

This swap mechanism allows IFFIm to make transactions in a variety of currencies and interest rates but always operate in US dollars with a US dollar SOFR floating rate.

Figure 10 IFFIm bonds – currency and interest rate swaps: bond transaction

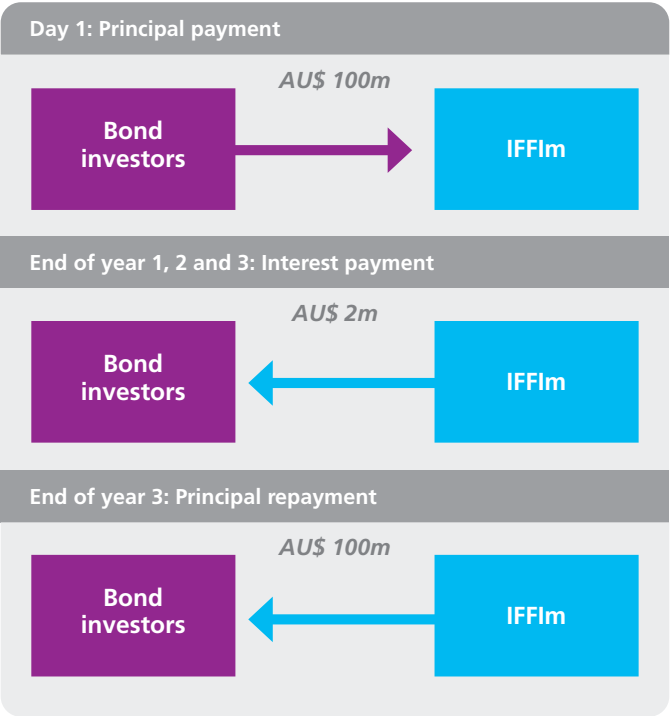
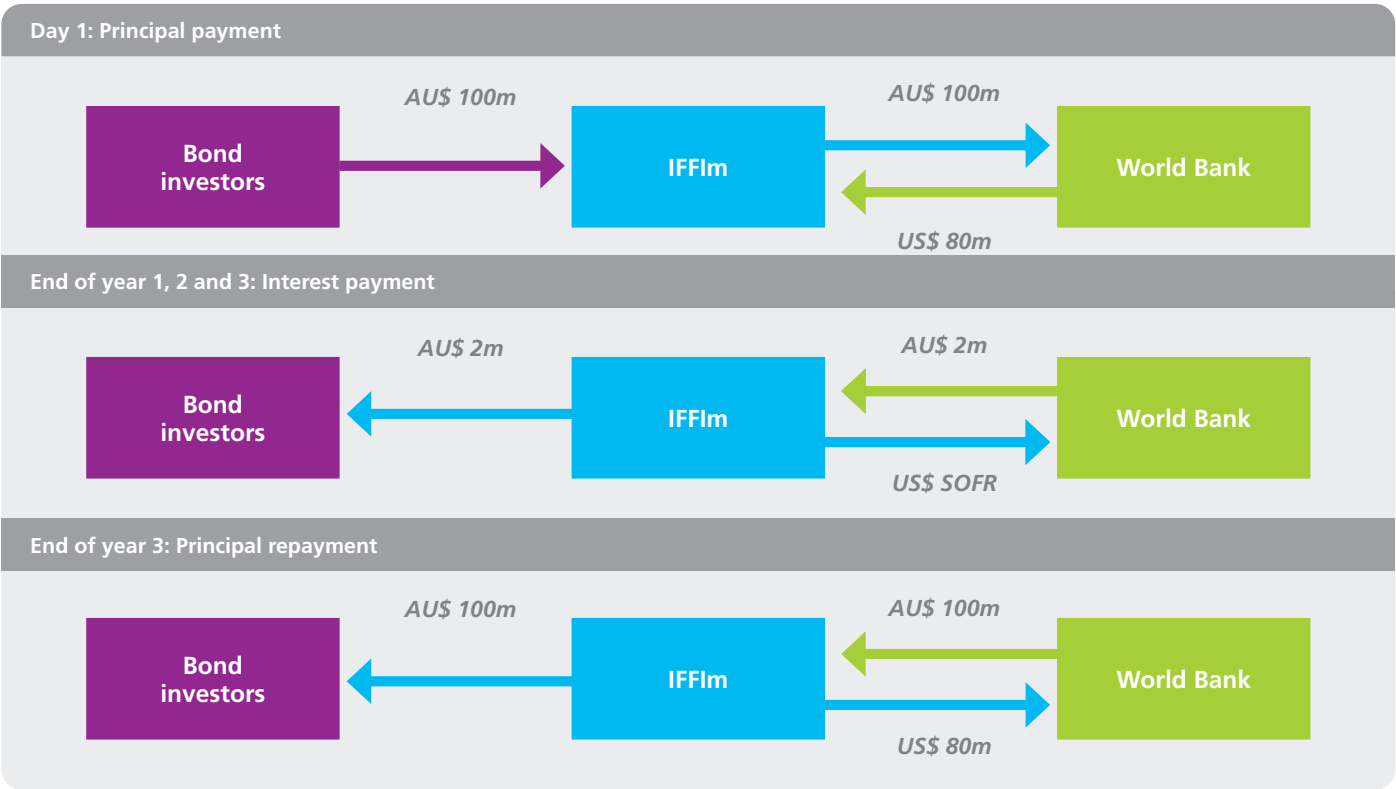


Figure 11 IFFIm bonds – currency and interest rate swaps: corresponding swap transaction



### 3.2.5 WHAT IS IFFIm's SWAP POSITION?

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IFFIm's swap position is the current mark-to-market (MTM) value of all swaps it has entered into with its swap counterparties. It is derived by calculating the cost or gain to the counterparties if it had to hypothetically unwind (terminate and then cash in based on the current market value) every single one of these swaps or replace them with the same swaps with a market counterparty. As of June 2024, the value of IFFIm's swaps with the counterparties was US\$ 297 million in IFFIm's favour.

In the meantime, the value of the swap position may vary as foreign exchange rates and interest rates change. The main factors that will lead to a decrease in swap MTM from IFFIm's perspective are: (1) a fall in the swap rates of the currencies of donors' pledges (mostly euro and pound sterling); and (2) a depreciation in the US dollar against donors' currencies.

## 3.3 CREDIT RATING

### 3.3.1 WHAT IS A CREDIT RATING, AND WHY IS IT IMPORTANT?

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Much in the same way that banks will use an individual's credit scoring based on their history of taking out and paying back their debt to price new loans, IFFIm's investors use its credit rating to assess its creditworthiness in relation to a particular debt or financial obligation. IFFIm's rating is important because having a higher rating enables it to raise funds on more attractive terms. The treasury manager also monitors IFFIm's rating and can tighten financial policies should the rating be below a certain level. Having a high rating thus helps IFFIm to be a more efficient mechanism for Gavi and donors.

### 3.3.2 WHAT IS IFFIm's CURRENT CREDIT RATING?

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IFFIm's ratings with the three main rating agencies, as of June 2024, were AA-, Aa1 and AA by Fitch, Moody's and Standard & Poor's respectively.

### 3.3.3 WHAT HAS IFFIm's CREDIT RATING BEEN HISTORICALLY?

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From inception until 2011, IFFIm had a triple-A rating (the highest possible) from all three main credit rating agencies. However, in January 2012, its credit rating was downgraded for the first time by Standard & Poor's from AAA to AA+. In 2013, Moody's and Fitch also downgraded IFFIm to Aa1 and AA+ respectively. Further downgrades followed: AA+ to AA by Standard & Poor's in 2013; and AA to AA- by Fitch in 2020.

### 3.3.4 WHY WAS IFFIm DOWNGRADED?

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IFFIm's credit rating is closely linked to that of its major donors.

Its downgrades were largely driven by a negative change in the credit rating of one or more of its major donors due to a change in their macroeconomic context and prospects.

### 3.3.5 WHAT IS THE IMPACT OF A DOWNGRADE?

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A downgrade of IFFIm could trigger an increase in its borrowing cost, for example a triple-A rated institution is generally able to borrow on more attractive terms than a double-A institution.

Despite previous downgrades, however, IFFIm continues to remain a highly regarded borrower, able to access low-cost funding at scale.

### 3.3.6 HOW OFTEN DO THE CREDIT AGENCIES ASSESS IFFIm's RATING?

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Rating agencies typically issue a rating report annually following a meeting with the IFFIm Board, the World Bank and Gavi. They can, however, issue a rating action at any time when, in their view, a material event has impacted IFFIm's credit strength or rating outlook.

### 3.3.7 WHAT ARE THE EVENTS THAT COULD TRIGGER AN ACTION BY A RATING AGENCY?

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According to the views reported by IFFIm's credit rating agencies, some of the credit events that can trigger IFFIm's credit rating include:<sup>12</sup>

- if the credit ratings of the donor countries (particularly the UK, Norway and France, being major donors) are downgraded;
- if major donors reduce their support for IFFIm (for example, by falling into arrears on donor grants);
- if political pressures in donor countries substantially widen the gap between the credit quality of the countries' pledges (the likelihood of honouring pledges by a country) and their sovereign debt obligation (the credit quality of a country);
- if IFFIm experiences funding pressure; and
- if there is weakening of the gearing ratio limit mandate or a change in treasury manager.

### 3.3.8 WHAT ARE THE FACTORS SUPPORTING IFFIm's CREDIT RATING?

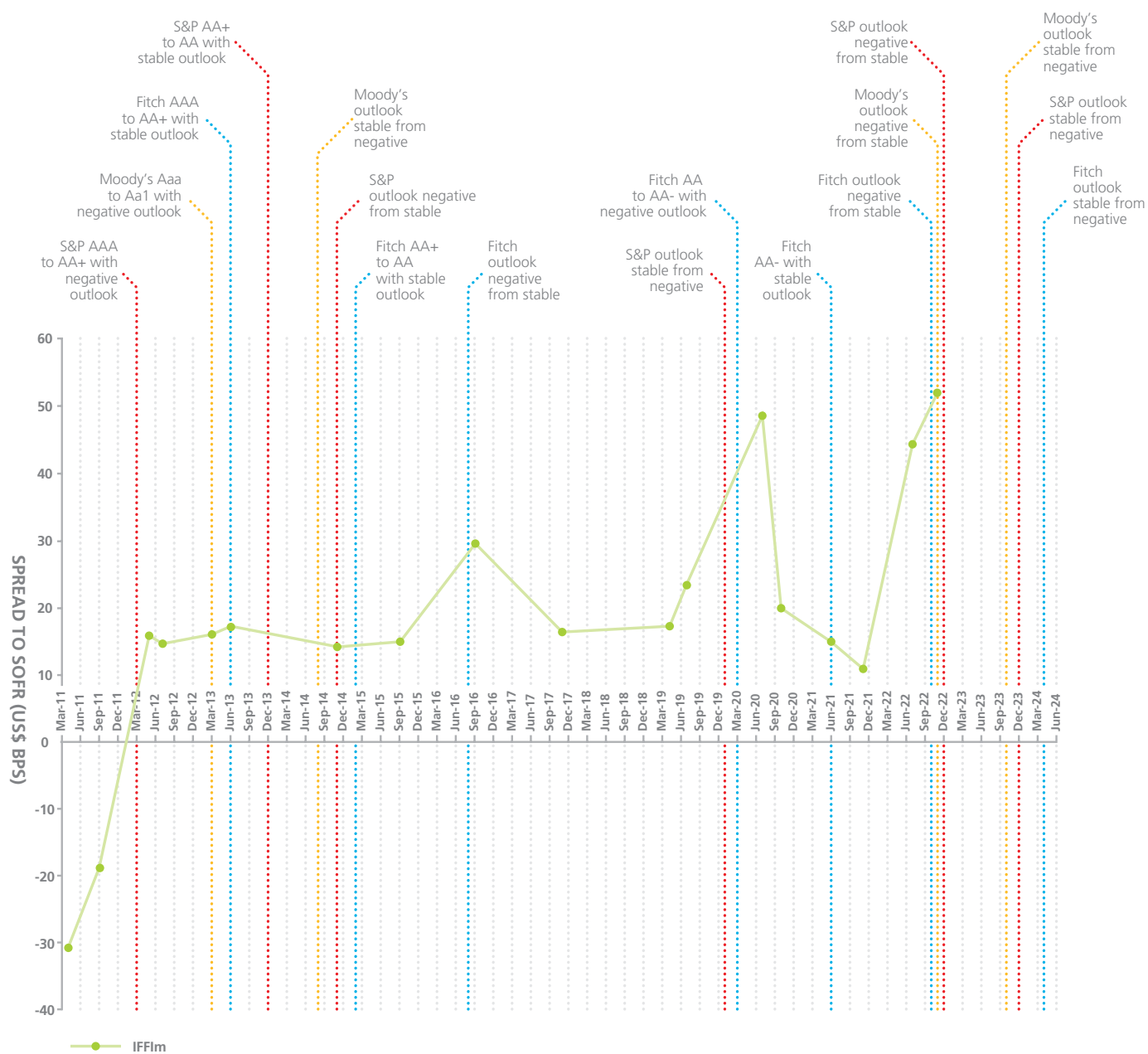
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The rating agencies cite the strength of donors' support and commitment as the main factor behind IFFIm's creditworthiness. They also note that the World Bank acting as treasury manager, implementing prudent financial policies, adds institutional strength to IFFIm's credit profile.

<sup>12</sup> For more information, see rating reports at <http://www.iffim.org/investor-centre/rating-reports/>



**Figure 12** IFFIm's historical borrowing costs



## 4 Recent developments

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IFFIm continues to play a vital role in Gavi's financial strategy as a source of long-term, predictable and flexible funding, while at the same time extending its unique frontloading capability to serve broader health development initiatives that align with Gavi's mission. This section highlights recent events and initiatives that demonstrate IFFIm's continuing significance for Gavi, donors and other development partners.

### 4.1.1 HOW HAS IFFIm SUPPORTED NEW AND HIGH-IMPACT VACCINES?

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IFFIm has been an early and steadfast supporter of Gavi's HPV programme, which is protecting millions of girls from one of the world's most deadly diseases – cervical cancer. IFFIm has provided US\$ 130 million to Gavi for HPV programmes, improving the health outlook for millions of mothers, daughters, partners and sisters. By the end of 2022, these programmes had reached more than 16.3 million girls, averting more than 387,000 deaths. Over the coming years, IFFIm support will help Gavi reach over 120 million adolescent girls, with a goal of preventing 1.5 million deaths. IFFIm's contributions will reduce gender barriers to immunisation and ensure girls grow into strong, healthy women who will be able to support their families and communities.

IFFIm is also supporting the new malaria vaccine, having disbursed more than US\$ 10 million to support Gavi's malaria programmes in 14 countries. Gavi has played a significant role in supporting the malaria vaccine, particularly the RTS,S/AS01 (Mosquirix) vaccine, which is the first malaria vaccine approved for use. Through its efforts, Gavi aims to reduce the burden of malaria, particularly in sub-Saharan Africa, where the disease has a significant impact on child mortality and morbidity.

### 4.1.2 HOW MIGHT IFFIm BE USED TO ADDRESS FUTURE GLOBAL HEALTH FINANCING CHALLENGES?

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A key pillar of Gavi's engagement in future Pandemic Prevention, Preparedness and Response (PPPR) is the Day Zero Financing Facility for Pandemics (DZF), an umbrella suite of financing instruments that enhance Gavi's financial capacity to ensure a swift and equitable vaccine response in the next pandemic. The IFFIm Contingent Financing Mechanism (CFM), which is currently under development, is an integral part of the DZF. The DZF also includes the First Response Fund, a pool of pre-positioned financing that can be deployed at risk, as well as donor frontloading facilities with the European Investment Bank (EIB) and the US Development Finance Corporation, to ensure that early financing response needs can be met.

### 4.1.3 WHAT IS THE LoC FACILITY?

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The IFFIm–EIB Letter of Credit facility (LoC) is a partnership between Gavi, IFFIm, the EIB and UNICEF. The LoC is a mechanism to support Gavi's long-term market-shaping transactions, guaranteeing future payments as vaccines are procured and then releasing the guarantees as obligations are paid. By leveraging IFFIm's long-term balance sheet beyond vaccine bond issuances, Gavi's procurement activities can now benefit from further firepower, allowing for both more efficient use of donor cash and a stronger negotiation stance with manufacturers.

With a maximum of US\$ 320 million available on a revolving basis, the LoC facility aims to make each IFFIm grant work harder for Gavi's mission, making them valuable even when they are not yet frontloaded in cash.

#### 4.1.4 WHAT IS CEPI AND WHAT IS THE PARTNERSHIP BETWEEN CEPI, GAVI AND IFFIm?

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CEPI, the Coalition for Epidemic Preparedness Innovations, is an Oslo-based public private initiative that accelerates development of vaccines against emerging infectious diseases and enables equitable access to these vaccines during outbreaks. As part of the value chain of vaccine development and delivery, CEPI complements Gavi's broader life-saving mission.

Through issuing vaccine bonds, Gavi and IFFIm are making available IFFIm's proven and powerful frontloading mechanism to CEPI to speed up its investments in research and development for new and commercially neglected vaccines against deadly epidemics, now including COVID-19.

This partnership has allowed Norway, Italy and Spain to channel their contributions – NOK 2.6 billion, €5 million and €75 million respectively – via IFFIm to accelerate funding for CEPI's COVID-19 and other vaccine research and development.

