

# The Global Fund Voluntary Replenishment 2005

A Technical Note on Financial Management of the Global Fund

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## 1 Financing to Date

#### 1.1 Utilization of Funds to Date

From inception through 31 December 2004, US\$ 3.3 billion had been contributed to the Global Fund. Of this, US\$ 3.2 billion had been allocated to Board-approved proposals from four rounds of grant proposals, leaving US\$ 0.1 billion available for grants to be approved in 2005.

US\$ 0.9 billion had been disbursed to grant recipients, leaving assets on hand of US\$ 2.4 billion at the end of 2004, comprised of US\$ 0.2 billion in promissory notes and US\$ 2.2 billion in liquid assets invested by the Trustee.

|   | \$ billion    |                            |
|---|---------------|----------------------------|
| Contributions & Grant Approvals:                |               |                            |
| Contributed                                     | 3.3           | (Annex1)                   |
| Grants approved                                 | 3.2           | (Annex 2)                  |
| Available for approvals in 2005                 | 0.1           |                            |
| Disbursement of Approved Grants:                |               |                            |
| Grants agreements signed                        | 2.0           |                            |
| Approved but not yet signed                     | 1.2           |                            |
| Total grants approved                           | 3.2           |                            |
| Grant disbursements                             | -0.9          |                            |
| Not yet disbursed                               | 2.3           | Projected to be disbursed: |
|   |               | 1.0 in 2005                |
|   |               | 1.2 in 2006                |
|   |               | 0.1 in 2007                |
| Assets held by the Trustee:                     |               |                            |
| For disbursements to approved grants            | 2.3           |                            |
| Available for approvals in 2005                 | 0.1           |                            |
|   | 2.4           | Comprised:                 |
|   |               | 2.2 Cash & investments     |
|   |               | 0.2 Promissory notes       |
| Note: Operating Expenses, less Investment Incom | ie were \$20r | n                          |

#### Table 1: Utilization of funds from inception through 31 December 2004

#### 1.2 Liquidity and Funding Policy

As indicated above, the Fund held liquid assets of US\$ 2.2 billion at end 2004. This large amount of liquidity results from the Fund's Comprehensive Funding Policy that requires that assets, in the form of cash or promissory notes, sufficient to cover the entire amount of a grant, be deposited with the Trustee prior to the signing of the grant agreement, combined with the relatively low use of promissory notes as a contribution mode.

Of the US\$ 2.4 billion assets on hand (US\$ 2.2 billion cash and US\$ 0.2 billion in promissory notes), US\$ 2.3 billion is required for disbursements to approved grants; these 39 disbursements will occur over 2005-2007. In accordance with the Comprehensive Funding Policy, these grants could not be signed unless a corresponding amount of assets (US\$ 2.3 billion) had been deposited with the Trustee.

The Policy considers both cash and demand public promissory notes as assets, however to date only 10% of contributions (from one donor) have been in the form of promissory notes. Hence, promissory notes account for only US\$ 0.2 billion of total assets, with the remaining US\$ 2.2 billion held as liquid assets invested by the Trustee.

The Policy ensures that the Fund can honor its grant commitments regardless of the amount of future contributions to the Fund; also, the substantial funds on hand generate investment income which has covered the vast majority of the Fund's administrative expenses to date. However, some observers question whether this is the most effective use of the amounts contributed to the Fund to fight the three pandemics; others have difficulty reconciling the Fund's appeals for additional funding to finance new rounds of grants with the holding of such a large amount of liquid assets.

At its November 2004 meeting, the Board called for a study of the Policy, the findings of which will be available in the course of the replenishment process. The intended scope of the study is outlined in Annex 4. The study is being undertaken by PriceWaterhouseCoopers and findings are expected to be reported in April 2005.

Apart from any changes to the Policy that might result from Board consideration of the study, the amount of liquidity would be reduced if more donors made their contributions in promissory notes that were encashed on a timetable suited to the disbursement needs of the Fund.

#### 1.3 Fundraising Mechanism

Donors have until now made their contributions to the Fund, totaling US\$ 3.4 billion by the end of 2004, on an ad-hoc basis and timing, pledging for one or more years at a time. Throughout the three-year history of the fund, donors have contributed in full almost all the amounts they pledged, in the year for which pledged or shortly after.

While this approach has fully met the financial needs of the Fund to date, it gives only limited certainty of future income, since the majority of donors pledge for a single year at a time. The voluntary replenishment mechanism is expected to provide greater predictability of contribution income, through multi-year pledges.

# 2 Financing the Needs Through 2007

#### 2.1 The Needs

2.1.1 The needs of the Global Fund, as described in the paper Addressing HIV/AIDS, Malaria and Tuberculosis: the Resource Needs of the Global Fund, 2005 – 2007, are summarized as follows:

| Estimated grant approvals: (US\$ billion)           | 2005 | 2006 | 2007 |         |
|---|------|------|------|---------|
| New grant rounds (Phase I) <sup>(1)</sup>           | 1.0  | 1.1  | 2.6  |         |
| Renewal of grants (Phase II) <sup>(2)</sup>         | 1.3  | 2.4  | 1.0  |         |
| Total approval capacity needed \$bn                 | 2.3  | 3.5  | 3.6  |         |
|   |      |      |      |         |
| Funding shortfall: (US\$ billion)                   | 2005 | 2006 | 2007 |         |
| Total grant approval capacity needed (per above)    | 2.3  | 3.5  | 3.6  |         |
| Operating Expenses, less Interest <sup>(3)</sup>    |      | 0.1  | 0.1  |         |
| Less: Funds available from prior year               | -0.1 |      |      | -       |
| Total contributions needed                          | 2.2  | 3.6  | 3.7  |         |
| Less: Pledged <sup>(4)</sup> to date ( 23 Feb 2005) | -1.3 | -0.7 | -0.4 | Annex 3 |
| Additional pledges needed \$bn                      | 0.9  | 2.9  | 3.3  |         |

<sup>(1)</sup> It is assumed that Round 5 grants will be approved in 2005, Round 6 in 2006 and Rounds 7 & 8 in 2007. The total value of grants approved for Phase I of each round (the initial two years) is assumed to be \$1 billion for Round 5, \$1.1 billion for Round 6 and \$1.3 billion for each of Rounds 7 & 8.

<sup>(2)</sup> It is assumed that 85% by value of grants will be renewed for Phase II (usually years 3 to 5) and that renewal is approved twenty months after the first disbursement. Renewal of grants in 2007 is lower than in 2006 because the approval of new grants in 2005 (Round 5) is planned for the end of the year. Accordingly only a relatively small proportion of Round 5 grants will be reaching the end of their initial two years, and hence be due for renewal, in 2007.

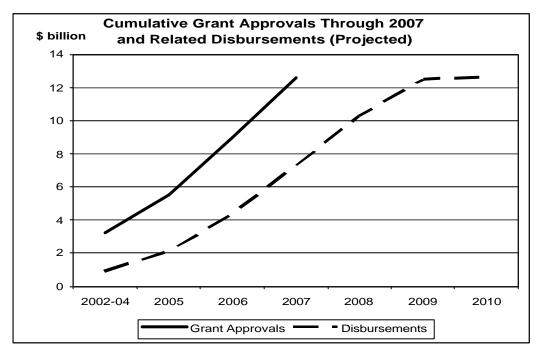
<sup>(3)</sup> Operating Expenses, less Interest Income: Projected at \$30m to \$70m per year, depending on usage of promissory notes (increased usage would reduce the cash balance and hence reduce interest income). The 2005 amount rounds down to zero; the 2006 & 2007 amounts, assuming an increasing usage of promissory notes, round up to \$0.1bn. Operating Expenses comprise Local Fund Agent fees and Board, Technical Review Panel and Secretariat expenses.

<sup>(4)</sup> The 2005 pledge amount includes \$0.1bn of 2004 pledges expected to be contributed in 2005.

2.1.2 Disbursement of the grant amount commences after grant approval by the Board and subsequent negotiation of the grant agreement, and is made in installments at intervals throughout the duration of the grant agreement. Hence, grants approved through 2007 will be disbursed through 2010, based on projected disbursement timings.

| \$ billion | 2002-04 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Total |
|------------|---------|------|------|------|------|------|------|-------|
| Approved   | 3.2     | 2.3  | 3.5  | 3.6  |      |      |      | 12.6  |
| Disbursed  | 0.9     | 1.2  | 2.3  | 2.9  | 3.0  | 2.2  | 0.1  | 12.6  |

The inherent time lag between approval of grants and completion of disbursement is illustrated by the following graph:



#### 2.2 Financing Options

- 2.2.1 <u>Cash</u> As explained at 1.2, Fund policy allows for contributions to be made in the form of promissory notes that are encashed on a timescale suited to the Fund's needs. To date, only 10% of contributions have been made in promissory notes. If the Fund's increasing grant approval needs continued to be financed by (mainly) cash contributions, then it is inevitable that the Fund's cash balance will grow, given the inherent time lag between approval and disbursement. The table below shows at (A) that by the end of 2007, the cash balance would be approximately US\$ 5 billion assuming contributions will match projected resource needs.
- 2.2.2 <u>Promissory Notes</u> Alternatively, if contributions were made by promissory notes that were encashed in installments over two-and-half years, this would be adequate to meet the Fund's projected disbursement needs. Financing the needs in this manner would reduce the Fund's cash balance to approximately US\$ 1.7 billion by the end of 2007, as shown at (B) below. This is 66% less than would be the case if 90% of contributions continued to be made in cash. (However, contribution by promissory note may not be a feasible or preferred option for all donors.)

#### Impact of Promissory Notes on Cash Balance

|   | \$ billion   | 2002-04        | 2005       | 2006         | 2007              | 2008       | 2009      | 2010         | Total |
|---|--|----------------|------------|--------------|-------------------|------------|-----------|--------------|-------|
|   | Grant Approvals                                    | 3.2            | 2.3        | 3.5          | 3.6               |            |           |              | 12.6  |
|   | Contributions (in cash or notes)                   | 3.3            | 2.2        | 3.6          | 3.7               |            |           |              | 12.8  |
| A | Cash Flows, if 10% of contribu                     | utions were    | paid by    | promiss      | ory note          |            |           |              |       |
|   | <b>Contributions Encashed</b>                      | 3.1            | 2.3        | 3.4          | 3.6               | 0.2        | 0.1       |              | 12.8  |
|   | Grant Disbursements                                | -0.9           | -1.2       | -2.3         | -2.9              | -3.0       | -2.0      | -0.3         | -12.6 |
|   | Operating Exps. less Int.<br>Cash at start of year |                | 2.2        | 3.3          | 4.4               | 5.0        | 2.3       | 0.4          |       |
|   | Cash at end of year                                | 2.2            | 3.3        | <b>4.4</b>   | <u>4.4</u><br>5.0 | <b>2.3</b> | <u> </u>  | 0.4<br>0.2   | 0.2   |
|   | Cash at end of year                                |                | 5.5        | 4.4          | 5.0               | 2.3        | 0.4       | 0.2          | 0.2   |
|   | Unencashed Notes                                   | 0.2            | 0.1        | 0.3          | 0.4               | 0.1        |           |              |       |
| в | Cash Flows, if 100% of contrib                     | outions we     | re paid b  | oy promis    | sory not          | e:         |           |              |       |
|   | <b>Contributions Encashed</b>                      | 3.1            | 1.0        | 1.9          | 3.2               | 2.4        | 1.2       |              | 12.8  |
|   | Grant Disbursements                                | -0.9           | -1.2       | -2.3         | -2.9              | -3.0       | -2.0      | -0.3         | -12.6 |
|   | Operating Exps. less Int.                          |                |            | -0.1         | -0.1              |            |           |              | -0.2  |
|   | Cash at start of year                              |                | 2.2        | 1.9          | 1.5               | 1.7        | 1.1       | 0.3          |       |
|   | Cash at end of year                                | 2.2            | 1.9        | 1.5          | 1.7               | 1.1        | 0.3       |              | 0.0   |
|   | Unencashed Notes                                   | 0.2            | 1.5        | 3.1          | 3.6               | 1.2        |           |              |       |
|   | (Notes: Includes Operating Expenses                | s to 2007. Ass | sumes inte | erest of 1.5 | % per ann         | um. Totals | s may app | ear not to a | dd    |
|   | because of rounding.)                              |                |            |              |                   |            |           |              |       |

(See Annex 5 for further details of the above cash flows.)

2.2.3 <u>Possible encashment schedule</u> Fund policy allows for promissory notes to be encashed according to an agreed schedule<sup>1</sup>. The required timing of cash inflows could be achieved if promissory notes were encashed in six equal installments according to a schedule such as:

#### Contribution for 2006:

| First installment:  | 31 March 2006     |
|---------------------|-------------------|
| Second installment: | 30 September 2006 |
| Third installment:  | 31 March 2007     |
| Fourth installment: | 30 September 2007 |
| Fifth installment:  | 31 March 2008     |
| Sixth installment:  | 30 September 2008 |

<sup>&</sup>lt;sup>1</sup> The Global Fund shall consider as assets for the purposes of entering into grant agreements, promissory notes or similar obligations issued by the government of a sovereign state (or its designated depository) which shall be non-negotiable, non-interest bearing and payable at par value to the account of the Fund in the designated depository on demand or in accordance with an encashment schedule agreed between the contributor and the Secretariat. (Decision of Seventh Board Meeting, 18-19 March 2004.)

It is proposed that promissory notes be payable on demand, although the planned calling for encashment would be according to the agreed encashment schedule. This would allow, in exceptional circumstances, the calling of notes in advance of the envisaged date in order to meet any unforeseen need for liquidity.

It is assumed that a contribution would be made by deposit of the promissory note (or in cash) in the first quarter of the year for which contributed. This contrasts with experience of the Fund to date where contributions have been made (in cash) throughout the year.

The making of the contribution in this manner would also facilitate matching requirements for the United States contribution, which takes account of contributions made (including contributions made by deposit of a promissory note) by 31 July each year for matching calculations.

2.2.4 <u>Currency of Promissory Notes</u> In order to limit the Fund's exposure to currency losses, it is proposed that contributors be encouraged to denominate their promissory notes in one of the "grant currencies". US dollar or Euro.

#### 2.3 Currency and Translation Rates for Replenishment Calculations

To date, all grants made by the Fund are denominated in US dollars. From 2005, applicants may apply for grants (new grants or Phase II renewals) in Euros, as well as US dollars. No application has yet been made for a Euro denominated grant and it will only be in June 2005 when Round 5 proposals are received that a view of demand will begin to emerge. Accordingly, it is envisaged that the major portion of the Fund's grant liabilities will continue to be in US dollars through 2007. The financial reporting currency of the Fund is also US dollars.

For these reasons, it is proposed that the reporting currency of the voluntary replenishment be US dollars. For replenishment calculation purposes (only), contributions to be made in other currencies would be translated to a US dollar equivalent using an agreed rate of exchange for each currency. It is proposed that the agreed rate be the simple average of the rates on the first day of January, February, March, April, May and June 2005 as published by the United Nations.

#### 2.4 Level of Contribution and Board Representation

The Board of the Global Fund is structured to ensure a balance between donor seats and recipient seats. The voting mechanism reinforces this balance with two equal voting blocks of nine seats each: a recipient block and a donor block. Two thirds of each "voting block" is required to make decisions, in cases where full consensus cannot be reached. The donor structure therefore originally allowed for nine voting seats for donors, with two of those being reserved for the Private Sector and Private Foundations constituencies, thus leaving seven donor seats to be allocated to public sector donor representatives.

These seven public sector donor seats were then allocated amongst donor groups based informally on a "share" principle with each seat being merited by contributions of approximately US\$ 100 million (or more) per year. Donors either provided finance that allowed them to maintain their own seat, or grouped themselves appropriately to

ensure the group total contribution met the indicative threshold. The seven seats have one vote each, regardless of whether they are held by one country or shared between several.

The addition of another voting member to the recipient group in June 2004 (the NGO representing Communities living with the diseases wished to become a voting member) raised the possibility of an additional donor seat – thus opening the door for either a reorganization of the donor group based on revised shares, or the addition of an entirely new donor or donor group to the Board while maintaining the current "cost" of a seat.

The Board expressed a strong wish for the additional donor seat to be used by a new donor – or a new and substantial contribution from an existing donor. In other words, the Board wanted to use the new seat to increase the "cost of a seat", and to attract new money. Initial donor consultations on the issue indicate that the "cost" of the original seven public sector seats has increased to the region of US\$ 140 million per year as a minimum, and that there is still optimism that the possible eighth donor seat could be used to attract additional money from new donors. In addition, several individual country donors significantly exceed the threshold and we anticipate that this generosity will continue.

It should be noted that these arrangements are informal and that donors rely on consultations and consensus in establishing the parameters for engagement in this regard, rather than any fixed rules or codes.

#### DONOR 2001-2002 2003 2004 TOTAL % of Total Governments United States 300,000,000 322,725,000 458,881,279 1,081,606,279 32.5% European Commission 137,064,385 50,360,226 264,413,350 451,837,961 13.6% 9.6% France 59,005,000 63,679,739 196,078,431 318,763,170 79,993,443 8.0% Japan 80,400,337 104,726,233 265,120,013 6.5% Italy 108,618,673 106,541,600 215,160,273 United Kinadom 78.215.278 40.032.750 60.333.210 178,581,238 5.4% 3.2% Netherlands 8.087.400 43,590,360 54,344,679 106,022,439 Canada 25.000.000 25.000.000 50.005.530 100.005.530 3.0% Germany 11,995,200 37,427,325 45,944,850 95,367,375 2.9% 22.369.965 2.5% 11,488,363 <u>Sweden</u> <u>47,811,683</u> <u>81,670,011</u> 1.6% Norway 17.962.003 17.709.581 17.864.799 <u>53,536,383</u> 1.5% Spain 35,000,000 15,000,000 50,000,000 Denmark 14,816,511 13,790,866 16,188,433 44,795,810 1.3% Ireland 9,835,000 11,161,430 12,299,000 1.0% <u>33,295,430</u> 12,207,409 7.229.938 0.89% Belgium 10,270,518 <u>29,707,866</u> Australia 13,827,500 13,827,500 0.42% 5,594,133 4,405,973 2,343,384 12,343,490 0.37% Switzerland 1.000.000 4.000.000 5.000.000 0.30% Russia 10.000.000 9.080.914 0.27% Nigeria 9,080,914 1.037.500 1.094.820 3.410.752 5,543,072 0.17% Luxemboura 5,000,000 0.15% Saudi Arabia 2,500,000 2,500,000 2,000,000 2,000,000 4,000,000 0.12% China 0.06% South Africa 2,000,000 2,000,000 Thailand 1,000,000 1,000,000 2,000,000 0.06% New Zealand 734.000 625.200 1,359,200 0.04% 1,075,900 Austria 1,075,900 0.03% 1,000,000 0.03% Kuwait 1,000,000 0.03% Portugal 400,000 600,000 1,000,000 Korea (Republic of) 500,000 500,000 0.02% 500.000 0.02% Uganda 500,000 Iceland 206.299 206,299 0.01% 200,000 0.01% Singapore 200,000 <u>177,190</u> 100.000 77,190 0.01% <u>Liechtenstein</u> 158,462 158,462 0.005% Zimbabwe 44.000 44.000 <u>Monaco</u> 44.000 132.000 0.004% 100.000 Andorra 100,000 0.003% Barbados 100,000 100,000 0.003% 75.000 75,000 Burkina Faso 0.002% Brazil 50,000 50,000 0.002% Poland 20,000 10,000 30,000 0.001% Zambia 25,000 25,000 0.001% 10,000 10,000 0.000% Hungary 8.273 8,273 0.000% Kenva Slovenia 5.479 5,479 0.000% **Total - Governments** 903,717,881 885,237,875 1,387,021,799 3,175,977,556 95.4% Private Sector 53,236,804 50,165,113 50,867,359 154,269,276 4.6% 3,330,246,831 Total 956,954,685 935,402,988 1,437,889,158 100%

# Annex 1: Contributions Through 2004 (US\$)

# Annex 2: Grants Approved & Disbursed

| US\$ millions         | Grant<br>Agreements<br>Signed |         | Total<br>Approved | Disbursed | Not Yet   |
|-----------------------|-------------------------------|---------|-------------------|-----------|-----------|
|                       | Signed                        | Signed  | by Board          | Dispuiseu | Disbursed |
| Round 1               | 545                           | 10      | 555               | 370       | 185       |
| Round 2               | 807                           | 52      | 859               | 336       | 523       |
| Round 3               | 543                           | 92      | 635               | 135       | 500       |
| Round 4               | 72                            | 966     | 1,038             | 19        | 1,019     |
| Accelerated access to |                               |         |                   |           |           |
| Phase II funding      | 3                             | 117     | 120               | 0         | 120       |
| Totals                | 1,970                         | 1,237   | 3,207             | 860       | 2,347     |
|                       | \$2.0bn                       | \$1.2bn | \$3.2bn           | \$0.9bn   | \$2.3bn   |

### Grants approved through 2004

# Annex 3: Pledges Not Yet Fulfilled (at 23 February 2005)

|                              | PLEDGES by YEAR DUE (in USD) |               |             |             |             |                           |               |  |  |  |
|------------------------------|------------------------------|---------------|-------------|-------------|-------------|---------------------------|---------------|--|--|--|
| DONOR                        | 2004                         | 2005          | 2006        | 2007        | 2008        | Period to be<br>Confirmed | TOTAL         |  |  |  |
| Australia                    |                              | 3,878,976     |             |             |             |                           | 3,878,976     |  |  |  |
| Belgium                      |                              | 6,601,307     | 6,601,307   | 6,601,307   |             |                           | 19,803,922    |  |  |  |
| Brazil                       | 50,000                       |               |             |             |             |                           | 50,000        |  |  |  |
| Canada                       |                              | 56,451,613    |             |             |             |                           | 56,451,613    |  |  |  |
| China                        |                              | 2,000,000     | 2,000,000   | 2,000,000   |             |                           | 6,000,000     |  |  |  |
| Denmark                      |                              | 24,604,569    |             |             |             |                           | 24,604,569    |  |  |  |
| European Commission          |                              | 56,209,150    | 56,209,150  |             |             |                           | 112,418,301   |  |  |  |
| France                       |                              | 196,078,431   | 196,078,431 |             |             |                           | 392,156,863   |  |  |  |
| Germany                      |                              | 107,189,542   | 94,117,647  | 96,078,431  |             |                           | 297,385,621   |  |  |  |
| Greece                       |                              |               |             |             |             | 326,797                   | 326,797       |  |  |  |
| Hungary                      |                              | 12,000        |             |             |             |                           | 12,000        |  |  |  |
| Italy                        | 130,718,954                  | 130,718,954   |             |             |             |                           | 261,437,908   |  |  |  |
| Liberia                      |                              |               |             |             |             | 25,000                    | 25,000        |  |  |  |
| Netherlands                  |                              | 60,130,719    |             |             |             |                           | 60,130,719    |  |  |  |
| Niger                        |                              |               |             |             |             | 50,000                    | 50,000        |  |  |  |
| Russia                       |                              | 5,000,000     | 5,000,000   |             |             |                           | 10,000,000    |  |  |  |
| Rwanda                       |                              |               |             |             |             | 1,000,000                 | 1,000,000     |  |  |  |
| Saudi Arabia                 |                              | 2,500,000     | 2,500,000   |             |             |                           | 5,000,000     |  |  |  |
| Singapore                    |                              | 200,000       | 200,000     | 200,000     | 200,000     |                           | 800,000       |  |  |  |
| Spain                        |                              | 15,000,000    | 35,000,000  |             |             |                           | 50,000,000    |  |  |  |
| Thailand                     |                              | 1,000,000     | 1,000,000   | 1,000,000   |             |                           | 3,000,000     |  |  |  |
| Uganda                       |                              | 500,000       | 500,000     | 500,000     |             |                           | 1,500,000     |  |  |  |
| United Kingdom               |                              | 91,194,969    | 96,855,346  | 96,855,346  |             |                           | 284,905,660   |  |  |  |
| United States                |                              | 435,000,000   | 200,000,000 | 200,000,000 | 200,000,000 |                           | 1,035,000,000 |  |  |  |
| Health Authorities of Taiwan | 1,000,000                    |               |             |             |             |                           | 1,000,000     |  |  |  |
| Total                        | 131,768,954                  | 1,194,270,231 | 696,061,882 | 403,235,084 | 200,200,000 | 1,401,797                 | 2,626,937,949 |  |  |  |
|                              | \$0.1bn                      | \$1.2bn       | \$0.7bn     | \$0.4bn     | \$0.2bn     | \$0.0bn                   | \$2.6bn       |  |  |  |

# Annex 4: Scope of Fiscal Management Study

#### Terms of Reference for Study of the Global Fund's Fiscal Management Structure and Processes (Extract)

**Scope:** The matters addressed by the study should include the following:

#### (A) Policy regarding asset cover for grants

- Consider the appropriate degree of asset cover for grant commitments, having regard to:
  - Best practices;
  - The interests of donors and recipients;
  - The Fund's legal obligations (including in Switzerland); and
  - The nature and timing of the Fund's cash flows
- Identify and assess alternatives to the Fund's current policy of requiring sufficient cash or promissory notes to be on hand to cover the entire amount of each grant at the time of signing the grant agreement, taking account of:
  - The multi-year disbursement profile of the Fund's grants;
  - The replenishment mechanism to be introduced in 2005;
  - The cash-flow impact of the increased use of promissory note as a contribution mode that could result from the replenishment mechanism; and
  - The consequences for investment income.
- (B) Investment Strategy
- Identify the investment strategies best suited to the needs of the Fund, having regard to:
  - Risk profile/capital preservation requirements;
  - o Liquidity needs
  - o Currency mix of assets and grant commitments; and
  - Proportions of contributions in cash and promissory notes.
- Consider the range of investment mechanisms available via the Trustee and their fit with the investment strategies identified as best suiting the needs of the Fund.
- Analyse the comparative strengths of the Trustee and commercial banks, including:
  - o The suitability to the Fund of the investment mechanisms available; and
  - The security of the Fund's assets, having regard to the stability and prudential regulation of each category of institution and the applicability of legal immunities to assets held by either category of institution.
- Based on the foregoing, make recommendations to the Monitoring, Evaluation, Finance and Audit Committee that the Global Fund might wish to discuss with the Trustee.

# Annex 5: Impact of Promissory Notes on Cash Balance

This considers two scenarios: (A) where the level of promissory note usage remains at 10% of contributions and (B) where all contributions are paid by promissory note.

It is assumed that promissory notes are encashed in six equal installments at six-month intervals commencing on 31 March of the year of contribution.

Under scenario A (10% promissory note usage), the Fund's cash balance is projected to grow from US\$ 2.2 billion at end of 2004 to US\$ 5 billion by end of 2007, whereas under scenario B (100% promissory note usage) the cash balance would reduce to US\$ 1.7 billion.

#### Scenario (A)

#### If 10% of contributions were paid by promissory note:

|                        |         |        | 2000   | 2007   | 0000   | 0000   | 0040 | Tatal   |
|------------------------|---------|--------|--------|--------|--------|--------|------|---------|
| \$ million             | 2002-04 | 2005   | 2006   | 2007   | 2008   | 2009   | 2010 | Total   |
| Grants                 |         |        |        |        |        |        |      |         |
| Approved               | 3,207   | 2,311  | 3,503  | 3,612  |        |        |      | 12,633  |
| Disbursed              | 860     | 1,229  | 2,279  | 2,931  | 3,040  | 2,002  | 292  | 12,633  |
| Contributions          |         |        |        |        |        |        |      |         |
| Total contributed      | 3,308   | 2,240  | 3,561  | 3,665  |        |        |      | 12,774  |
| Contributed in Cash    | 2,980   | 2,016  | 3,205  | 3,299  |        |        |      | 11,499  |
| Contributed by note    | 328     | 224    | 356    | 367    |        |        |      | 1,275   |
| Encashment of notes    | 90      | 313    | 193    | 316    | 241    | 122    |      | 1,275   |
| Cash Flows             |         |        |        |        |        |        |      |         |
| Contributed in Cash    | 2,980   | 2,016  | 3,205  | 3,299  |        |        |      | 11,499  |
| Encashment of Notes    | 90      | 313    | 193    | 316    | 241    | 122    |      | 1,275   |
| Total Encashed         | 3,070   | 2,329  | 3,398  | 3,614  | 241    | 122    |      | 12,774  |
| Grant Disbursements    | -860    | -1,229 | -2,279 | -2,931 | -3,040 | -2,002 | -292 | -12,633 |
| Operating Expenses     | -84     | -65    | -70    | -80    |        |        |      | -299    |
| Interest               | 72      | 38     | 55     | 69     | 58     | 20     | 1    | 314     |
| Net Cash Flow          | 2,198   | 1,073  | 1,104  | 672    | -2,741 | -1,860 | -291 | 156     |
| Cash at Start          |         | 2,198  | 3,271  | 4,375  | 5,048  | 2,307  | 447  |         |
| Cash at End            | 2,198   | 3,271  | 4,375  | 5,048  | 2,307  | 447    | 156  | 156     |
| Unencashed Prom. Notes | 238     | 149    | 312    | / 363  | 122    |        |      |         |

(Notes: Includes Operating Expenses to 2007. Assumes interest of 1.5% per annum.)

Cash Balance \$5.0bn

#### Scenario (B)

| If 100% of contributions were paid by promissory note: |         |        |        |        |        |        |      |         |  |  |
|--|---------|--------|--------|--------|--------|--------|------|---------|--|--|
| \$ million   | 2002-04 | 2005   | 2006   | 2007   | 2008   | 2009   | 2010 | Total   |  |  |
| Grants   |         |        |        |        |        |        |      |         |  |  |
| Approved   | 3,207   | 2,311  | 3,503  | 3,612  |        |        |      | 12,633  |  |  |
| Disbursed  | 860     | 1,229  | 2,279  | 2,931  | 3,040  | 2,002  | 292  | 12,633  |  |  |
| Contributions  |         |        |        |        |        |        |      |         |  |  |
| Total contributed                                      | 3,308   | 2,240  | 3,561  | 3,665  |        |        |      | 12,774  |  |  |
| Contributed in Cash                                    | 2,980   |        |        |        |        |        |      | 2,980   |  |  |
| Contributed by note                                    | 328     | 2,240  | 3,561  | 3,665  |        |        |      | 9,794   |  |  |
| Encashment of notes                                    | 90      | 985    | 1,934  | 3,155  | 2,409  | 1,222  |      | 9,794   |  |  |
| Cash Flows   |         |        |        |        |        |        |      |         |  |  |
| Contributed in Cash                                    | 2,980   |        |        |        |        |        |      | 2,980   |  |  |
| Encashment of Notes                                    | 90      | 985    | 1,934  | 3,155  | 2,409  | 1,222  |      | 9,794   |  |  |
| Total Encashed   | 3,070   | 985    | 1,934  | 3,155  | 2,409  | 1,222  |      | 12,774  |  |  |
| Grant Disbursements                                    | -860    | -1,229 | -2,279 | -2,931 | -3,040 | -2,002 | -292 | -12,633 |  |  |
| Operating Expenses                                     | -84     | -65    | -70    | -80    |        |        |      | -299    |  |  |
| Interest   | 72      | 31     | 25     | 20     | 16     | 6      | 1    | 170     |  |  |
| Net Cash Flow  | 2,198   | -279   | -391   | 164    | -615   | -774   | -291 | 13      |  |  |
| Cash at Start  |         | 2,198  | 1,920  | 1,529  | 1,693  | 1,078  | 304  |         |  |  |
| Cash at End  | 2,198   | 1.920  | 1,529  | 1.693  | 1,078  | 304    | 13   | 13      |  |  |
| Unencashed Promissory Notes                            | 238     | 1,493  | 3,121/ | 3,630  | 1,222  |        |      |         |  |  |

Unencashed Promissory Notes2381,4933,1213,6301,222(Notes: Includes Operating Ex penses to 2007. Assumes interest of 1.5% per annum.)

Cash Balance \$1.7bn