

**Mobilising Financial
Resources for Science:**

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What my so called friends said!

-You have a nice challenge
-an intriguing subject
-not an easy task
-rather you than me.....
-I'll get back to you – let me think
.....(still thinking?...you know who you are....)

Mobilizing resources for:

Science?

Mobilizing resources for:

To achieve sustainable food security and reduce poverty in developing countries through scientific research and research-related activities in the fields of agriculture, forestry, fisheries, policy and environment (Science Council, 2005).

Parable of the talents:

- **Master**
- **Steward 1**
- **Steward 2**
- **Steward 3**

Parable of the talents:

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- **Steward 1 - Spendthrift**
- **Steward 2 - Investor**
- **Steward 3 - Hoarder**

Parable of the talents:

- **Master**
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-
- **“to him that hath shall be given – and from him that hath not shall be taken away”.**

Fundraising at IFPRI

- Strategy
- Tactics
- Manoeuvrability
- Investment
- Decentralisation
- Incentives and ownership
- HQ intelligence

A plane can take off when:

$$F(\text{lift}) > [f(\text{weight}) + [f(\text{drag})]]$$

Efficiency of fund utilisation

IITA

- Cut bureaucracy
- Flattened structure
- Decentralisation
- Internal linkage

- Doing more with less

Efficiency of fund utilisation

IITA

- Doing more with less
- – can lead to doing more with **less**, less!

Uncontrollable drag:

- Runway surface
- Air temperature
- Altitude above sea level

- Doing less with more.....drag

CGIAR research

- High rates of return
- WDR – opportunity
- But are budget holders impressed?

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- **GPGs – vice or virtue**

Seven years ago Jeff Sachs made a speech to the CGIAR and said:

“...international public goods are not just a nice thing that we need to add on. They are the fundamental thing that’s been missing from our template for the past 30 years!”

GPG funding

- Grant funding (public subsidy)
- Charity (philanthropy)

GPG funding

- Grant funding (public subsidy)
- Charity (philanthropy)
- But if GPGs benefit all nations?
- Why not tap national budgets – Northern PGs?
- And use ODA for – Southern PGs?

An admissible heresy?

- Mixed public-private hybrid
- GPGs **plus** Club Goods (excludable)
- (as successfully used in genome project)

Stiff competition out there

Smallpox eradication

\$45 trillion total present value

Benefit:cost ratio 459:1

Malaria vaccine AMC

Net present value \$46bn

Avian flu pandemic avoidance

\$550bn saved at a cost of \$1.5bn

Estimations of benefits and value to research

- **Daily Adjusted Life Years (DALYS)**
- **Enhanced Family Livelihood Years (EFLYS)**
- **Why not?**

**THANK YOU FOR
YOUR
INDULGENCE**