GTAP Finances, Staffing and Going Global

Terrie Walmsley

Center for Global Trade Analysis

Purdue University

Executive Summary

- **Running a modest surplus of $13K this year**
    - **High data base revenue this fiscal year despite imminent release of v7.**
    - **Share of users in Asia, South America and Africa has increased during version 6.**
- **Hires:**
    - **This year: Meghan Alexander (Program Manager), Angel Aguiar (part-time Data Base specialist) and Ana Rios (Research post-doc)**
    - **Currently advertising post-doc to work on I-O tables**
- **Future: With average data sales we break even. But possible high data sales likely to lead to surplus.**
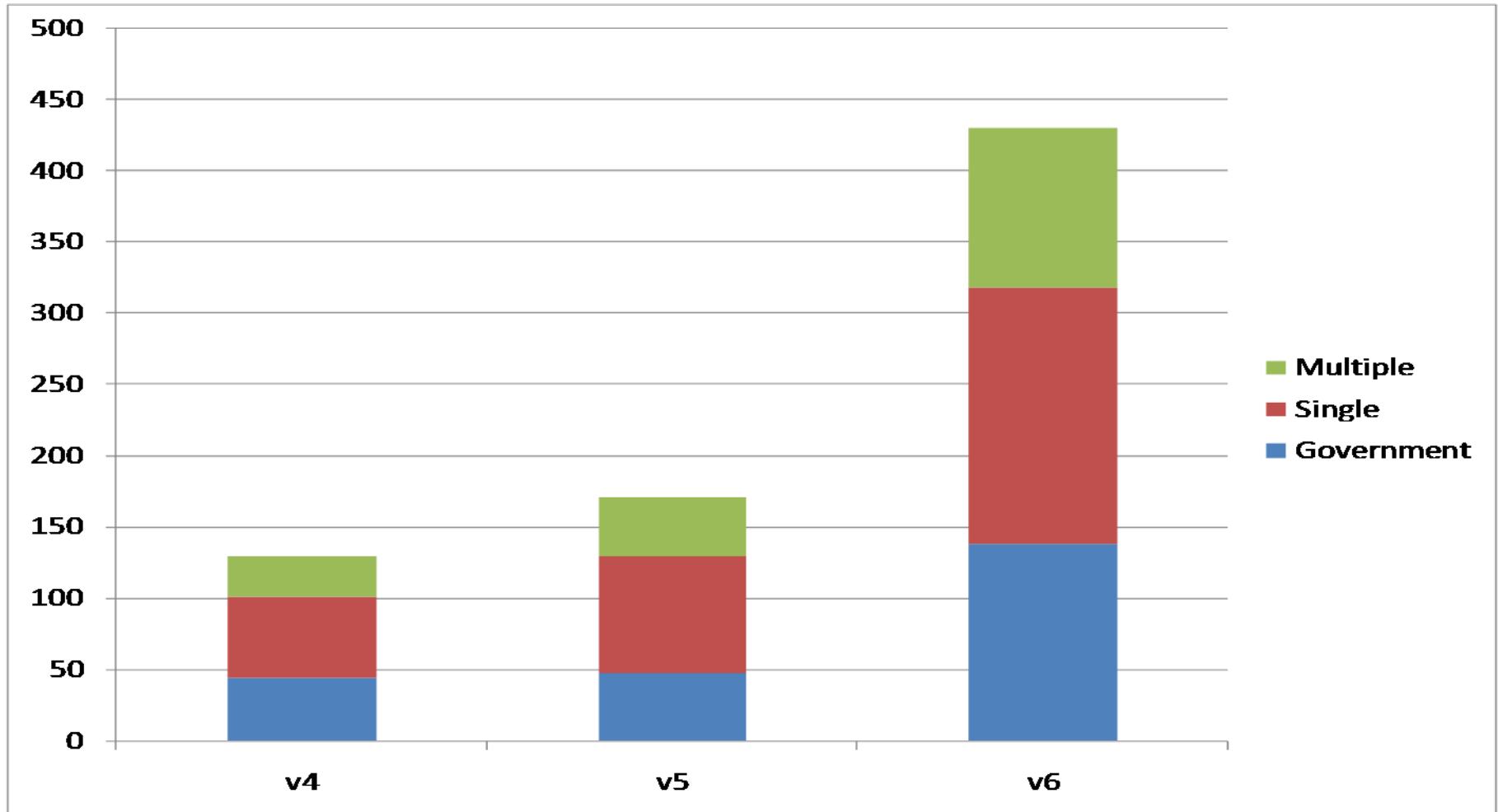
Outline

- **Finances for this year**

- **Data Sales**

- **2008 Staffing Outlook**
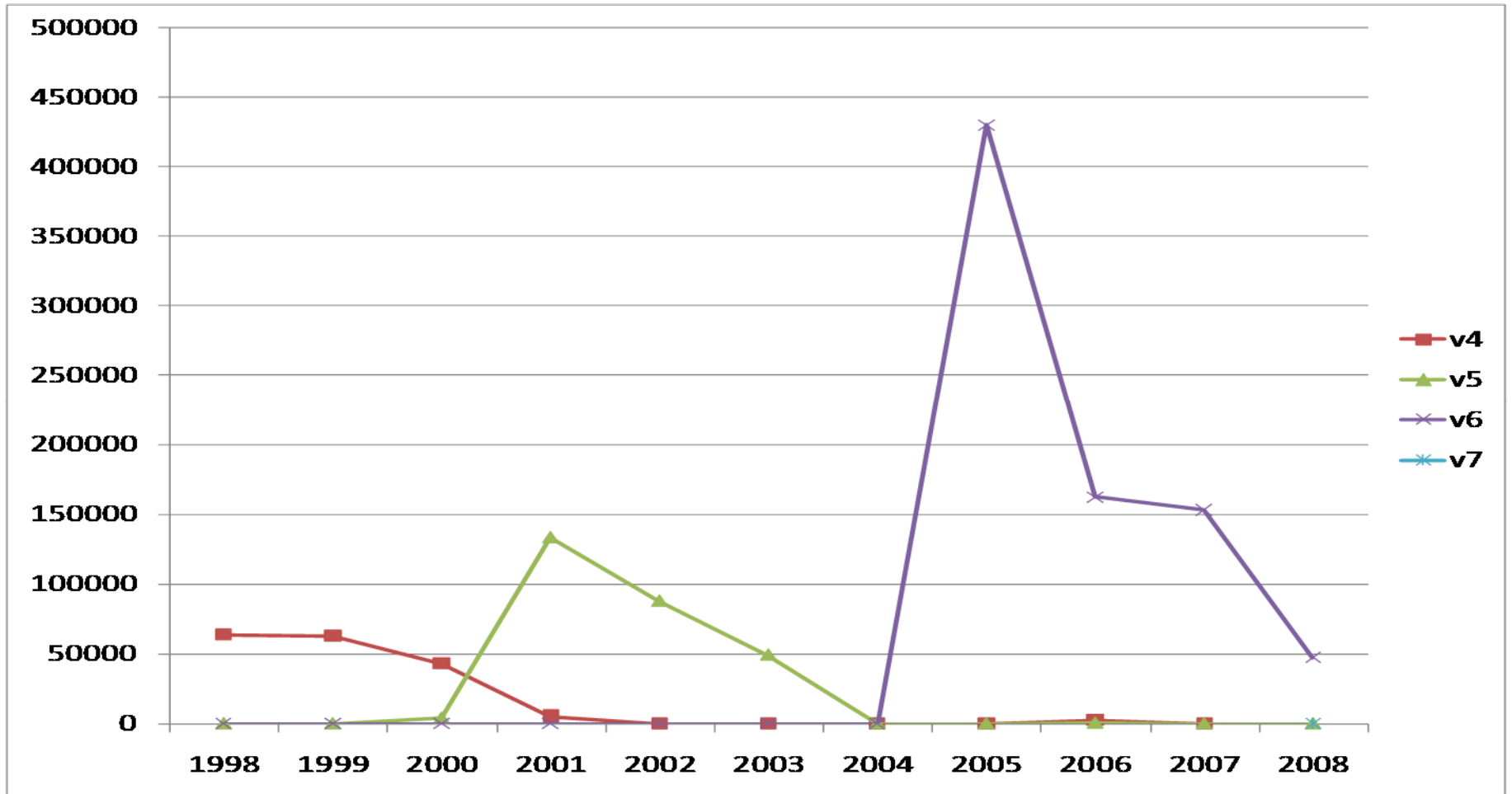
- **Budget**

- **Going Global**

CGTA ran a $13K surplus in FY2008

	2006-07 Budget $17,500	2006-07 Actual $17,500	2007-08 Budget $18,200	2007-08 Actual $18,200
Consortium fee:				
Number of Board payments	24	24	24	24
Revenue				
Consortium memberships	$420,000	$430,725	$436,800	$436,800
Data base sales	$140,410	$142,045	$113,974	$158,982
Short Course Revenues	$132,190	$257,400	$112,540	$110,937
Conference Revenue			$46,870	$51,853
Total Core Revenue	*$692,600*	*$830,170*	*$710,184*	*$758,572*
Expenses				
Staff Expenses	$539,715	$522,720	$535,189	$541,303
Staff Travel, training and hiring	$28,000	$16,232	$16,000	$20,289
Staff Travel to Board and conference		$37,180	$5,260	$4,883
Computers	$5,000	$6,989	$4,000	$3,756
Printing and annual mailing	$5,000	$4,072	$4,500	$5,684
Data Base Documentation		$14,773		$7,787
Postage	$5,000	$6,911	$5,000	$6,665
Other office expenses	$10,000	$10,512	$10,000	$8,143
Short Course Expenses	$132,190	$182,078	$97,039	$70,845
Conferences			$59,359	$66,091
Consultants - payment to CEPII				$10,000
Total expenses	*$724,905*	*$801,467*	*$736,347*	*$745,447*
Surplus or deficit	*-$32,305*	*$28,703*	*-$26,163*	*$13,126*

Data Base Sales for v6 very high!

Data Base Revenues still very high!

2008 Staffing Outlook

Thomas Hertel
Executive Director

Robert McDougall
Deputy Director

Terrie Walmsley
Director

Wally Tyner
Senior Policy Advisor

Badri Narayanan
Data Base Specialist (construction)

Ginger Batta
Information Technology Specialist

Alla Golub
Research Economist

Angel Aguiar
Data Base Specialist (macro data)

Meghan Alexander
Program Manager

Ana Rios
Research Economist

Data Base Specialist (I-O Data)

Partially funded by core

Funded primarily by core

Funded by special research projects

Funded new positions

8

Staffing Issues

- **Need additional assistance with data base (particularly I-O tables)**

- *Location:* **highly skilled people are less able to move to or stay in Lafayette. Exploring remote working**

- *Type of work:* **Potential staff members are looking for a mix of research and data work**

- *Skill set:* **require Experience in GE analysis and mathematical programming, but also some on-the-job training at the center with other Center staff.**

- *Graduate students:* **As complexity of the data processing increases, and data tasks become larger and less compartmentalized, it is becoming increasingly difficult to rely on graduate students.**

- *Graduate Student Pool:* **However, these graduate students are also potential source of staff members.**

Options

- *Rotating Position*: ongoing recruitment of people to one or two post-masters/doc type positions. The positions would be for a fixed 2-year period, with the potential for extension, remote working or consulting work afterward.

- *Computer Science Graduate*: There is the potential to hire a graduate from an alternative department, such as computer science or operations research.

- *Remote working or overseas offices*.

- *Increased graduate student training and hiring*.

New Appointments: Data Base Specialist (I-O data)

- **Description of role**
  - Oversee I-O table contribution process, African IO tables, initiate and undertake improvements in contribution processes, liaise with contributors, and assist GTAP team in incorporating I-O data into data base construction. Also assist with documentation of processes and data courses.
  - Looking for someone with an advanced degree plus experience with large datasets.
  - 2-3 year post doc type appointment

- **Current Status**
  - Funding available
  - Position open

Expect to break even next year

	2006-07 Budget	2006-07 Actual	2007-08 Budget	2007-08 Actual	2008-09 Budget
Consortium fee:	$17,500	$17,500	$18,200	$18,200	$18,900
Number of Board payments	24	24	24	24	24
Revenue					
Consortium memberships	$420,000	$430,725	$436,800	$436,800	$453,600
Data base sales	$140,410	$142,045	$113,974	$158,982	$220,000
Short Course Revenues	$132,190	$257,400	$112,540	$110,937	$168,480
Conference Revenue			$46,870	$51,853	$71,139
Total Core Revenue	*$692,600*	*$830,170*	*$710,184*	*$758,572*	*$913,219*
Expenses					
Staff Expenses	$539,715	$522,720	$535,189	$541,303	$590,248
Staff Travel, training and hiring		$16,232	$16,000	$20,289	$27,000
Staff Travel to Board and conference	$28,000	$37,180	$5,260	$4,883	$45,983
Computers	$5,000	$6,989	$4,000	$3,756	$5,000
Printing and annual mailing	$5,000	$4,072	$4,500	$5,684	$6,000
Data Base Documentation		$14,773		$7,787	$10,000
Postage	$5,000	$6,911	$5,000	$6,665	$10,000
Other office expenses	$10,000	$10,512	$10,000	$8,143	$10,000
Short Course Expenses	$132,190	$182,078	$97,039	$70,845	$138,480
Conferences			$59,359	$66,091	$71,139
Consultants - payment to CEPII				$10,000	
Total expenses	*$724,905*	*$801,467*	*$736,347*	*$745,447*	*$913,850*
Surplus or deficit	*-$32,305*	*$28,703*	*-$26,163*	*$13,126*	*-$631*

Going Global

- **Description: Going global entails posting GTAP staff overseas. Most likely they will be located in institutions that are already involved in the network. Foreign staff would need to spend some time at Purdue initially to be appropriately "indoctrinated"!**

- **Rationale: There are really three reasons to consider this:**
  - **R1. Staffing**
  - **R2. Knowledge**
  - **R3. Funding**

- **Counterpoints:**
  - **C1: Expense: setting up an office overseas could be expensive.**
  - **C2: Uncertain returns: the true benefits are highly uncertain.**

Going Global

- **The way forward: It seems that the prudent way forward is to move slowly. Two concrete steps we should take include:**

    - **S1: Announce our interest at the Board meeting and Conference and begin soliciting statements of interest on the part of various organizations. It would be great if we could identify a large grant that would fund 0.5 to 1.0 FTEs, based in Europe, to provide an initial trial run.**

    - **S2: Garner experience from Terrie's adventure in Australia. How well does this work when circumstances are nearly ideal? What are the potential pitfalls? What institutional changes are required to accommodate the multi-site design?**