

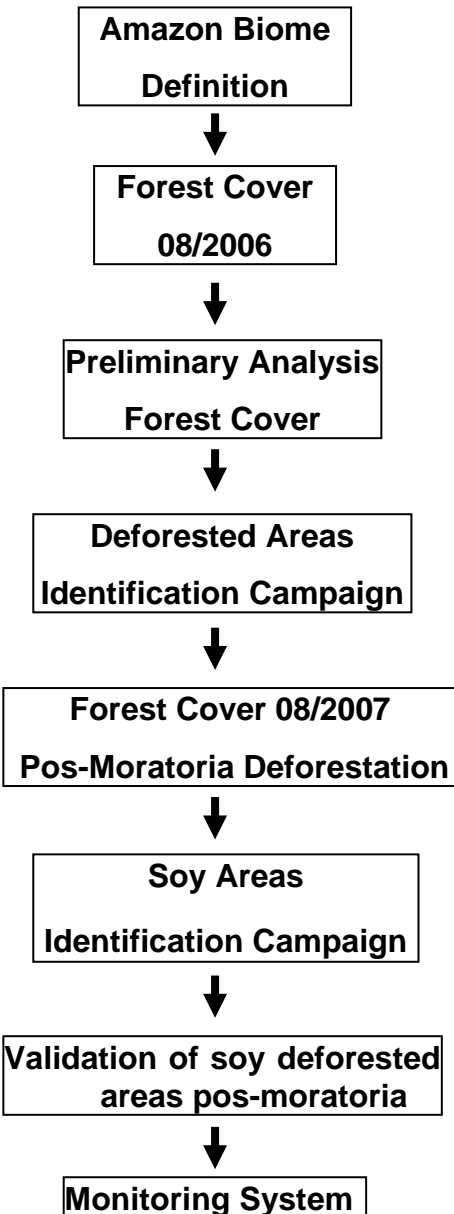
Soy Moratorium

Report – 1st Year

Mapping and Monitoring Subgroup

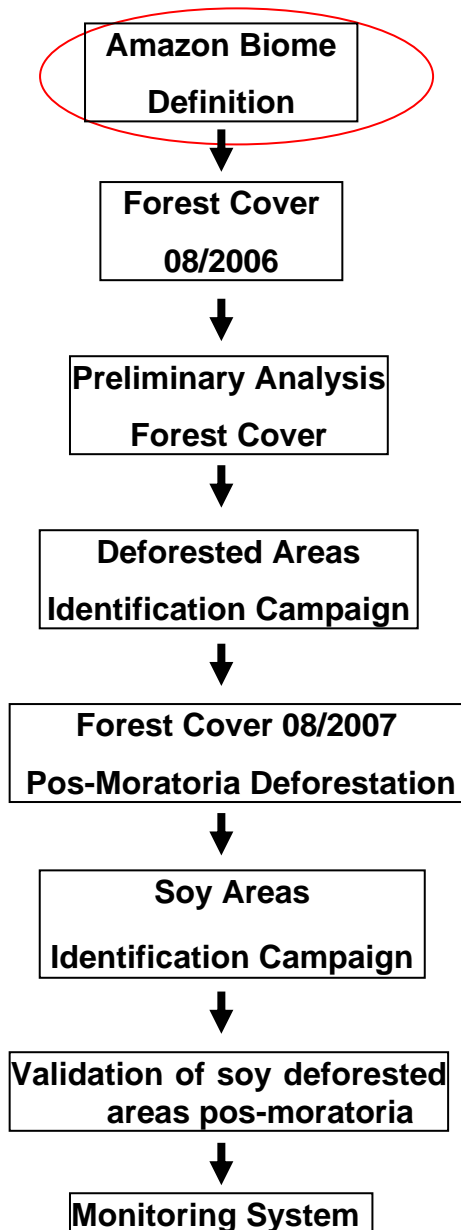
July 24, 2007

Operational Model



- ❖ Mapping of the situation in August 2006 – first official information after the Moratorium statement
- ❖ Identification of deforested areas from August 2006 onwards
- ❖ Monitoring of land use in those deforested areas
- ❖ Monitoring soybean delivery to prevent the purchase of soybeans from areas that were deforested during the moratorium.
- ❖ *Developed by the Monitoring and Mapping Subgroup of the Soybean Working Group - WWF-Brasil, Greenpeace, IPAM, Cargill and Maggi.*

Definition of the area covered by the Moratorium



Currently available information

Limit of the Amazon Biome published by IBGE in 2004 (1:5,000,000)

Buffer area (5 km)

Area in which the moratorium will not be applied due to cartographic uncertainties associated with the Amazon Biome mapping scale

Perspective

Possibility of using a more precise limit, which is being prepared by IBGE based on the RADAM Project mapping (1:250,000; forecasted for 08/2007)

Situation in the beginning of the moratorium

August 2006 forest coverage mapped by the monitoring system of the Brazilian Amazon forest – PRODES (INPE).

Amazon Biome
Definition

Forest Cover
08/2006

Preliminary Analysis
Forest Cover

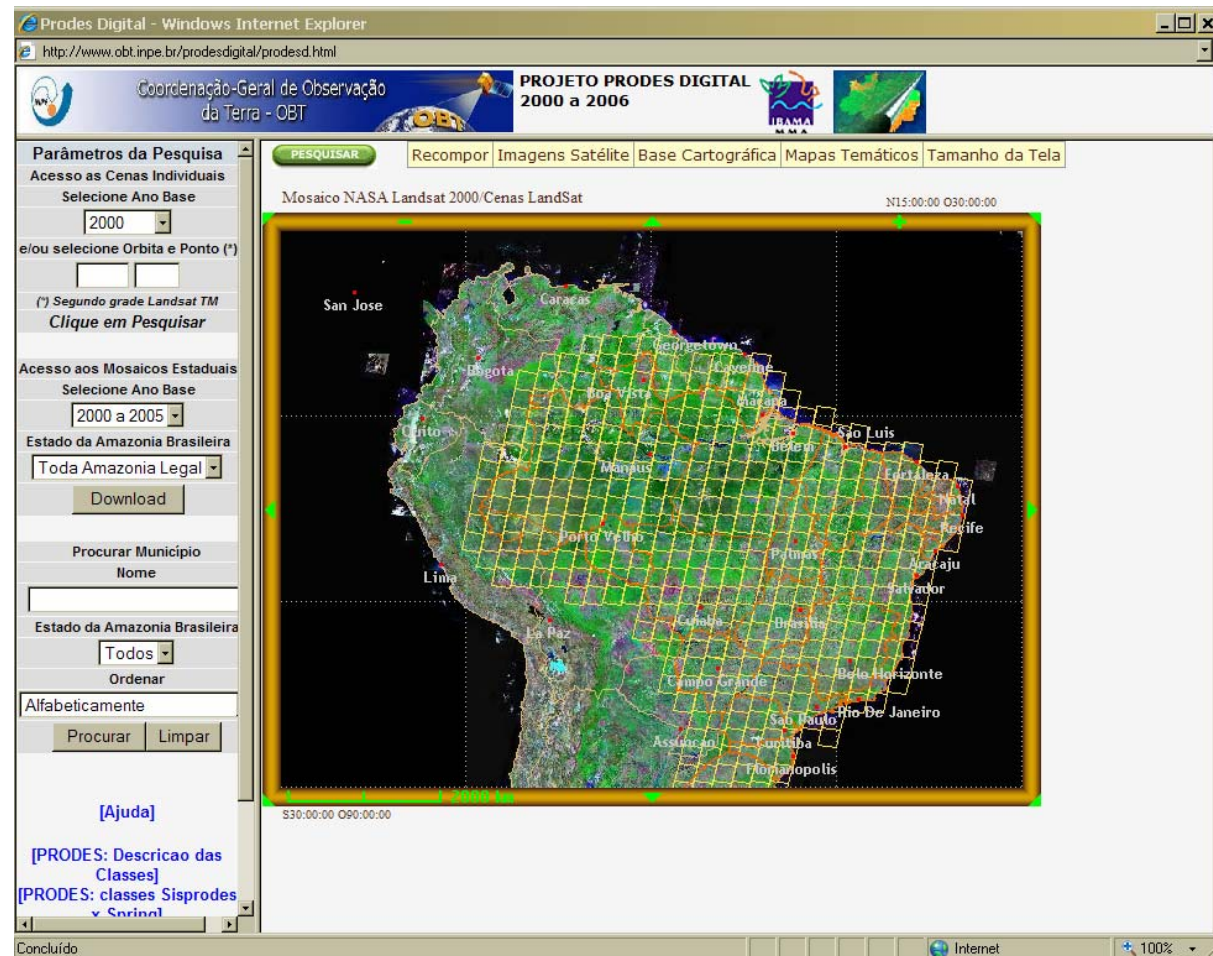
Deforested Areas
Identification Campaign

Forest Cover 08/2007
Pos-Moratoria Deforestation

Soy Areas
Identification Campaign

Validation of soy deforested
areas pos-moratoria

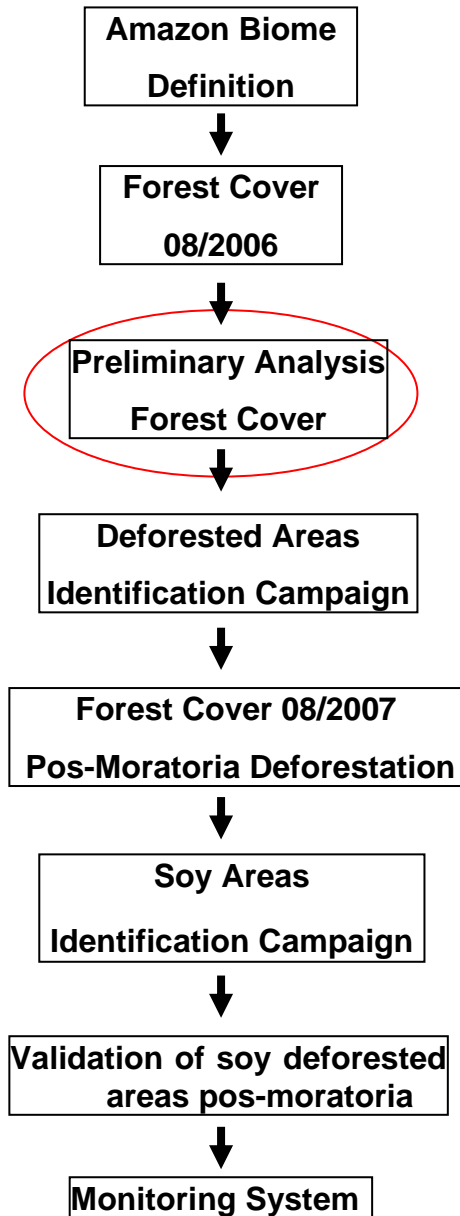
Monitoring System



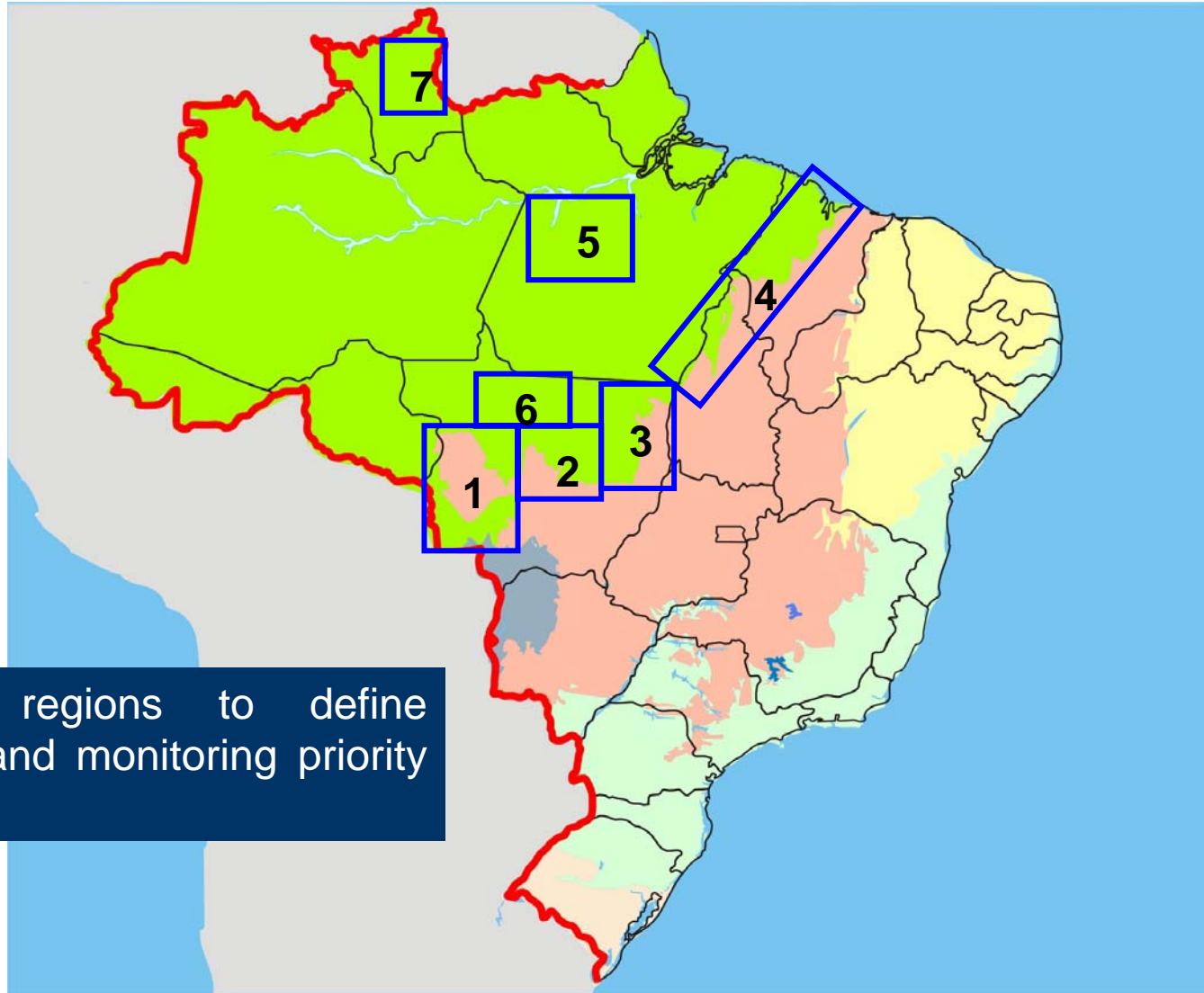
Deforestation trends during the 2006-2007 period

Forest coverage preliminary analysis - August 2007

- ❖ Identification of post-moratorium deforestation hot spots
- ❖ Use of real time deforestation detection systems: SAD (Imazon) and/or DETER (INPE)
- ❖ Definition of the soy moratorium priority areas

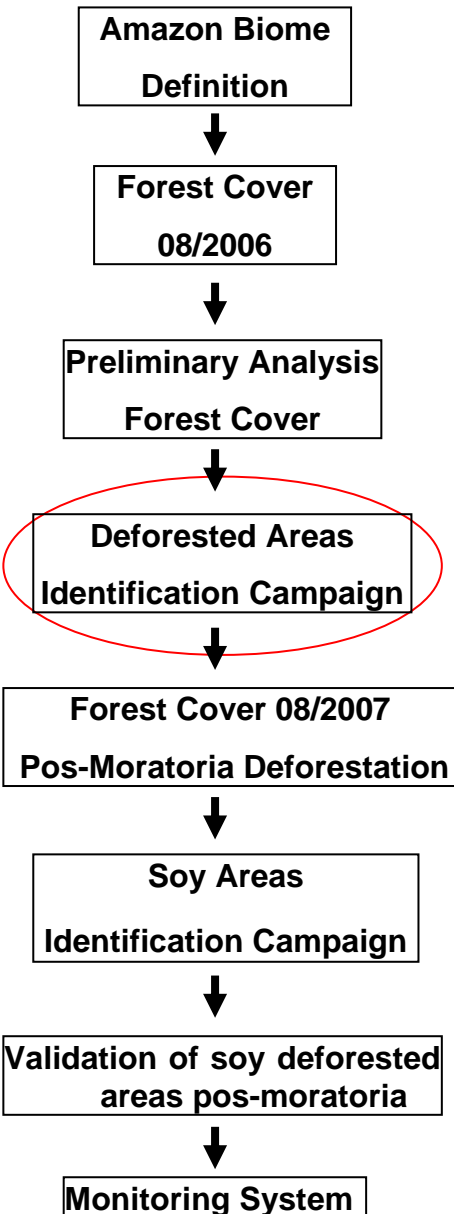


Priority regions



Selected regions to define mapping and monitoring priority areas

Field campaign - deforestation hot spots

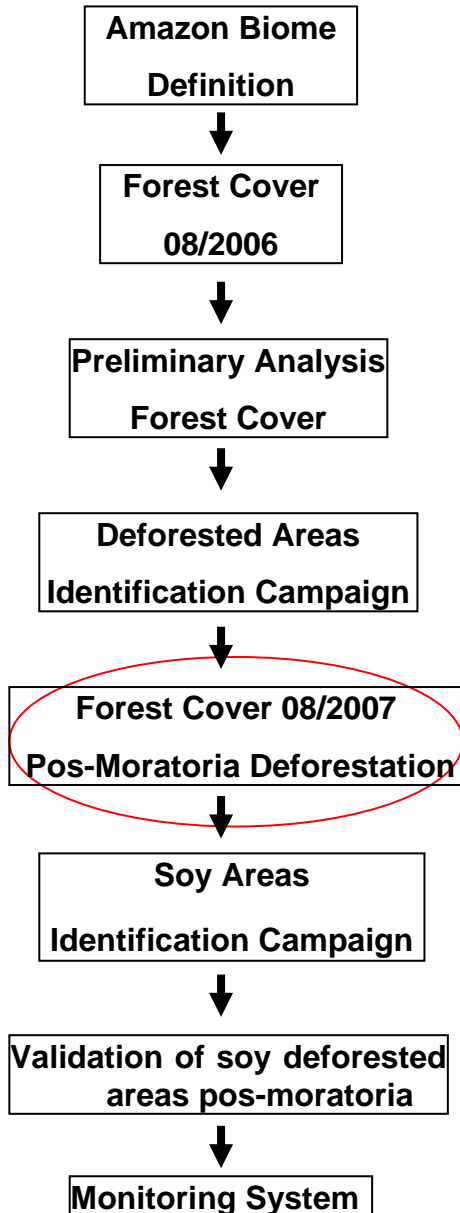


- ❖ Appraisal of the critical hot spots identified in the priority regions by the real time deforestation detection systems
- ❖ Field campaigns independently organized by ABIOVE around 10/2007 and 11/2007
- ❖ Indication of the priority locations for deforestation mapping by the PRODES system

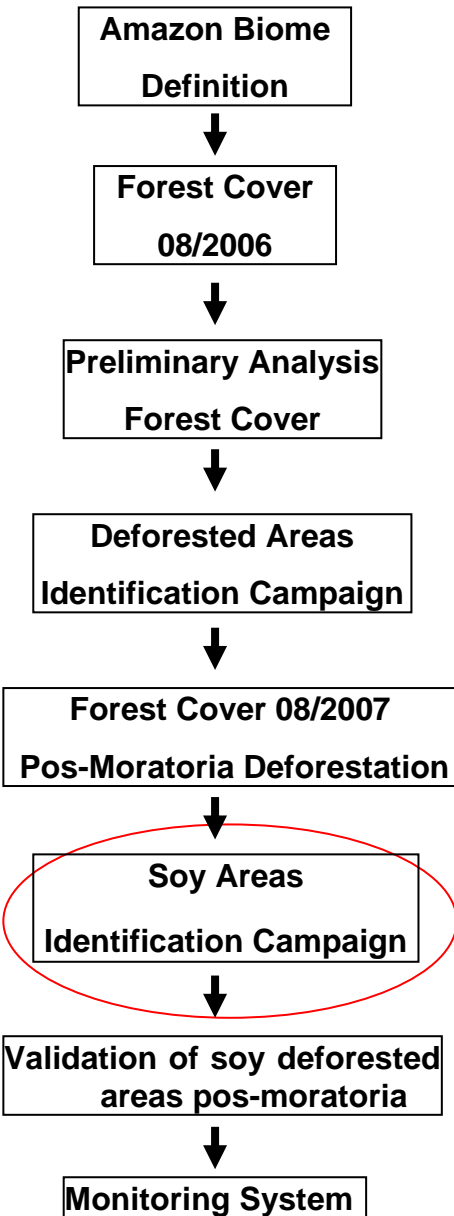
Identification of post-moratorium deforestation

Forest coverage – August 2007

- ❖ Identification of new deforested areas from PRODES data in August 2007 in relation to August 2006
- ❖ Deforestation data supplied by INPE in 10-11/2007 to the priority areas selected with the support of real time deforestation detection systems and information from the field

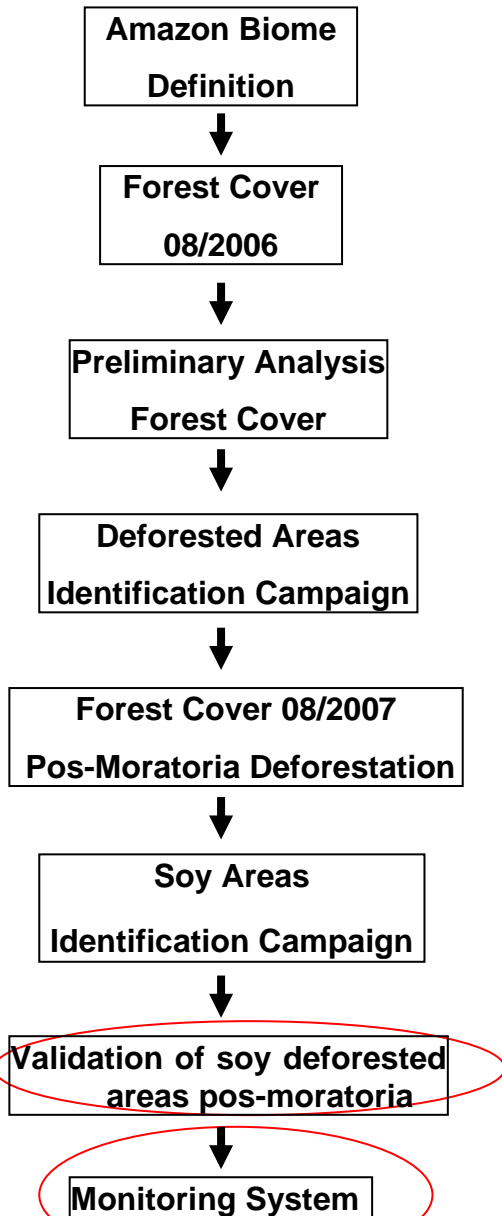


Identification of soybean areas



- ❖ Field campaigns to identify soybean areas in post-moratorium deforestations between 12/2007 and 01/2008
- ❖ Product: GIS layer with deforested areas that were converted into soybean plantations
- ❖ Identification of the owners of the post-moratorium deforested areas planted with soybeans

Validation of the mapping and monitoring system



- ❖ Independent audit to validate the identification of post-moratorium deforested areas planted with soybeans, using a sampling plan
- ❖ Soybean delivery monitoring proposal being prepared by ABIOVE and ANEC, for their members not to trade soybeans planted in deforested areas after July 2006 (forecast: August 2007)
- ❖ Implementation of the mapping and monitoring systems on the internet => Geographic Data Bank to integrate the actions of all actors and disclose information to interested parties

Key additional actions

