



NGVs – The Brazil Case

R.Fernandes

IBP-Brazilian Petroleum and Gas Institute

ALGNV – Latin American NGV Association

WGC 2006 - June 2006



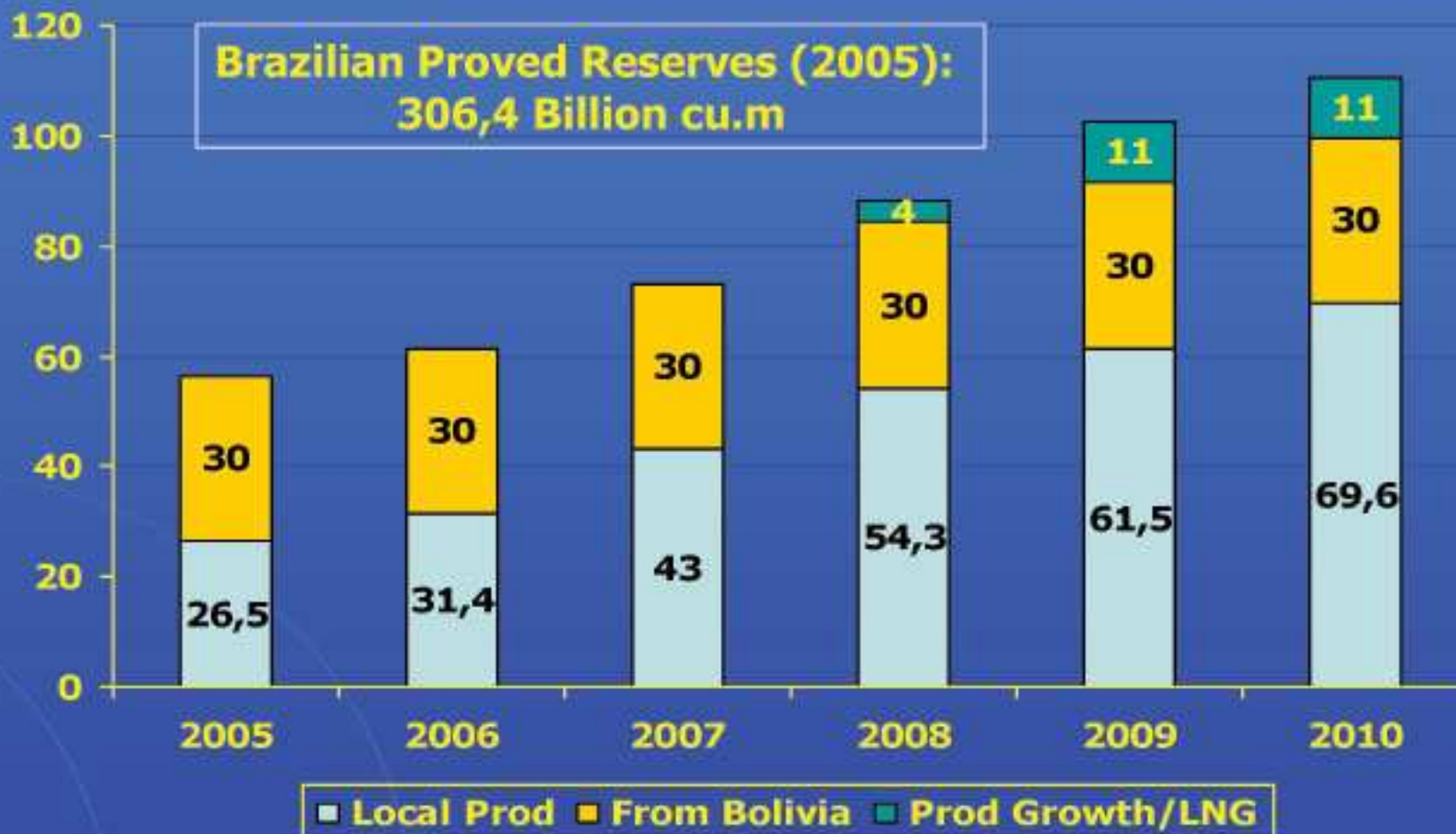
An unique fuel experience

- Gasoline contains 20% ethanol
- 100% hydrated ethanol is offered to be used in non-gasoline engines
- 2/3 of all new produced light vehicles have flex-fuel engines
- One out of 3 countries in the world with more than a million bi-fuel NGVs





Natural Gas Offer (Million cu.m/d)



Source: Petrobras/ANP

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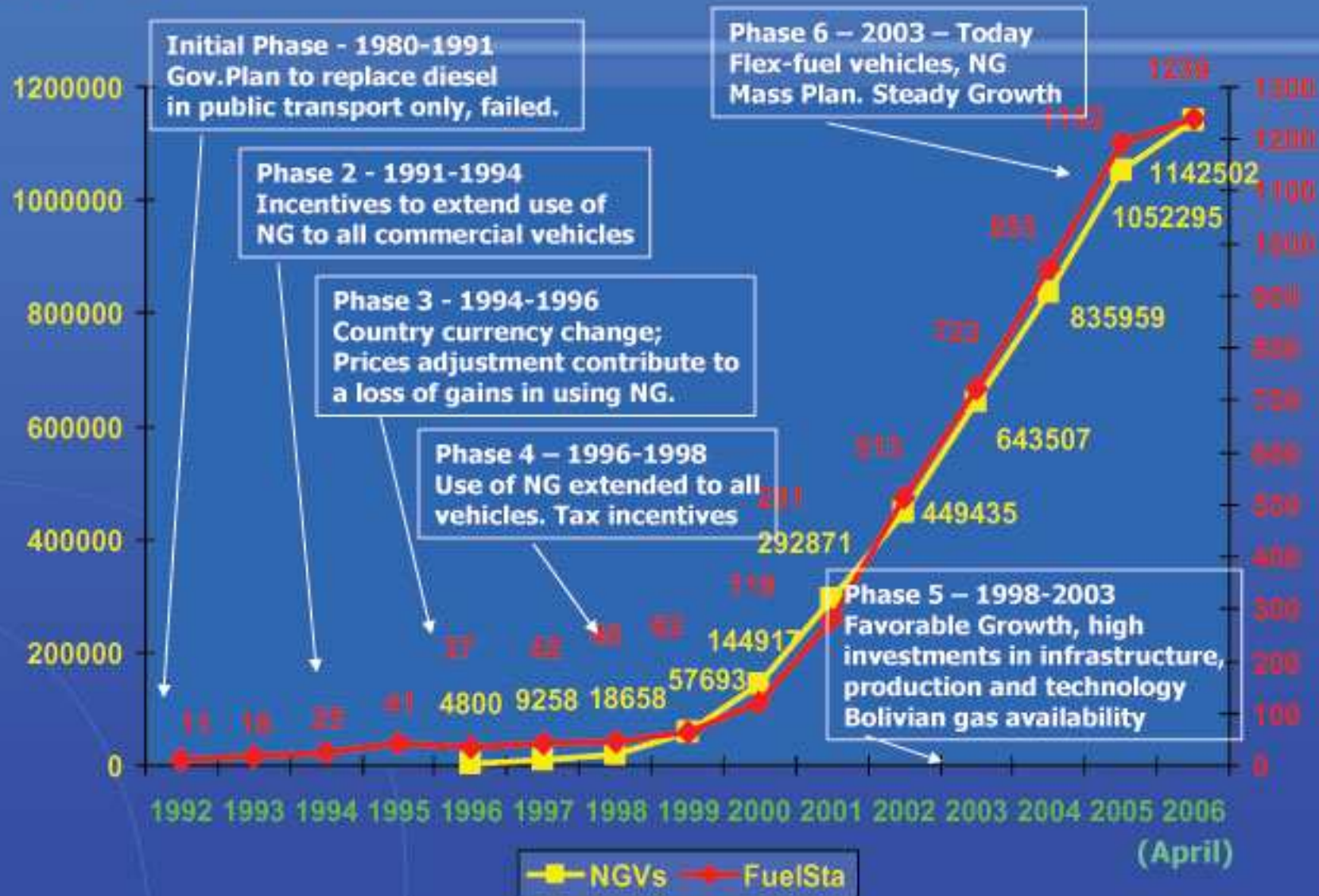
After market conversions 2001-2006



Source: IBP



NGV Market Growth





NGV Market Development Learned Lessons

- **Maximize the use of NG to all kind of vehicles, to create a mass market**
- **Need of an extensive distribution and fueling infrastructure**
- **All kind of incentive programs will help**
- **Make government your partner and allied**
- **No one will change habits if there is no economical benefits**



Thank you all

See you in Rio

**11th IANGV - NGV 2008
Conference and Exhibition**

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