

The Economic Contribution of the Midstream & Downstream Energy Sectors in Trinidad & Tobago

RRCT Conference

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The T&T Midstream and Downstream Landscape

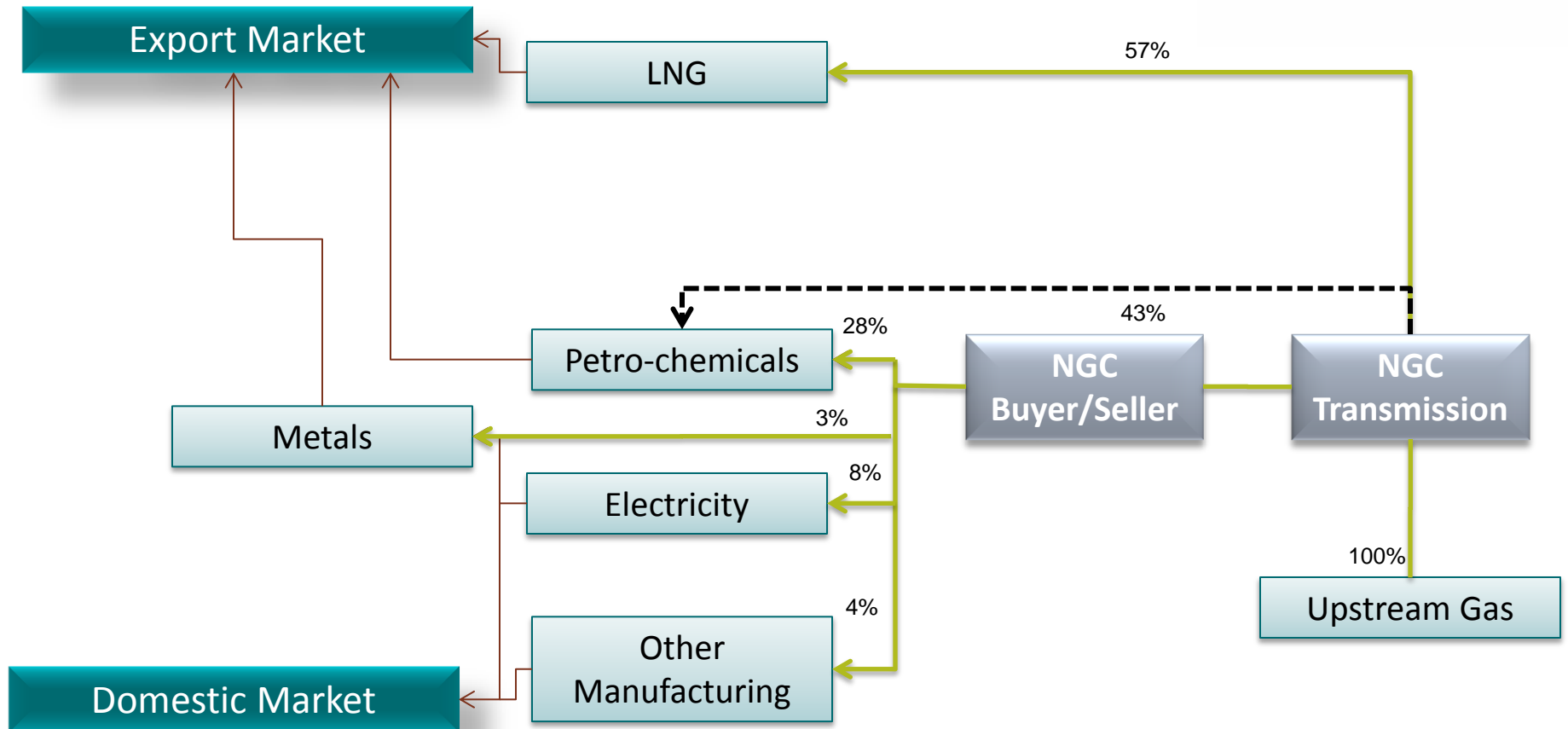


- Trinidad and Tobago has track record of developing world class gas based industry (number one exporter of methanol, ammonia in world and global leader in LNG).
- The midstream and downstream sectors are major contributors to Government revenue through equity ownership and taxation.
- The sectors also add value to economy through employment in engineering, construction, operations and maintenance.

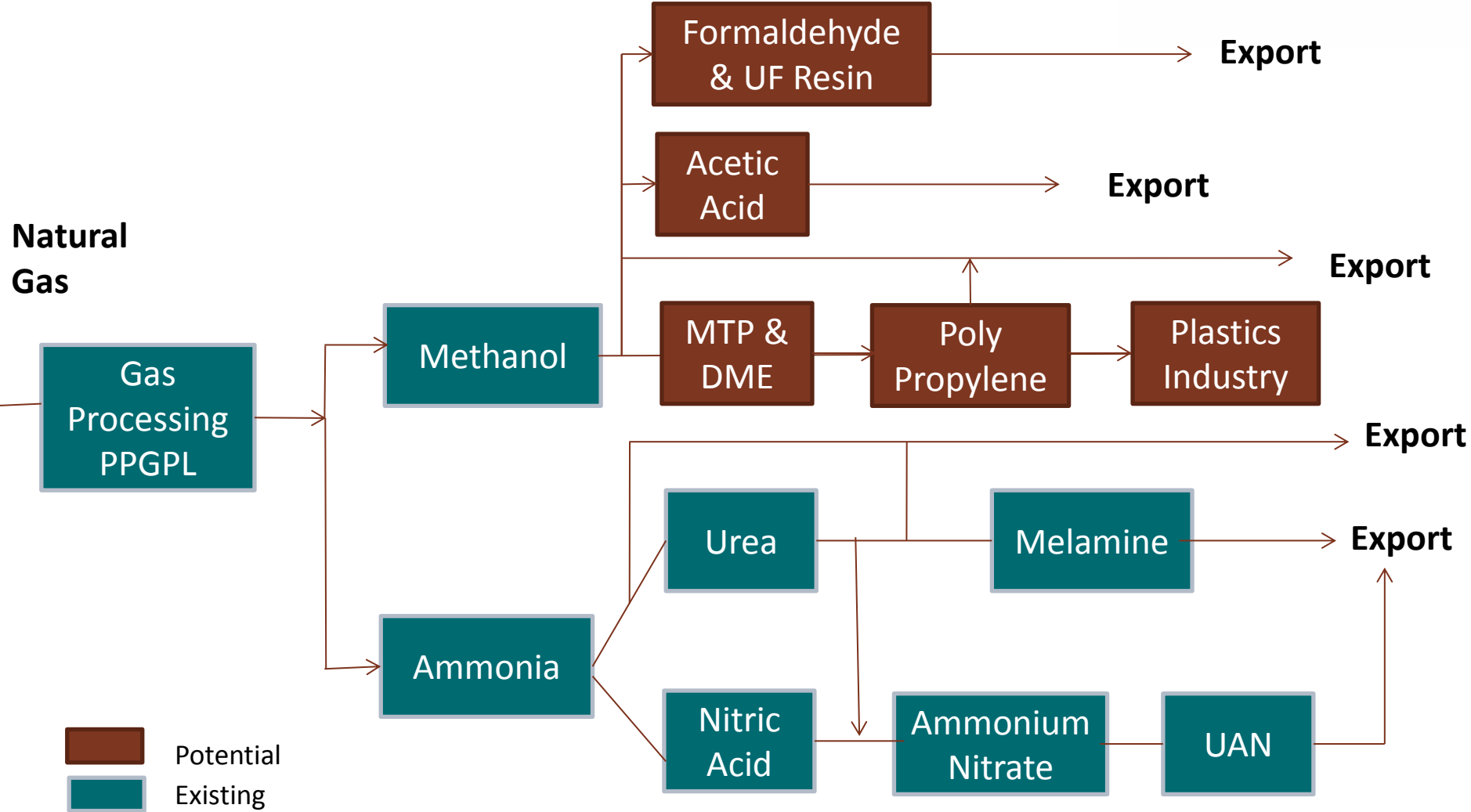
Natural Gas Industry



T&T Gas Market Structure



The structure of the petrochemical value chain





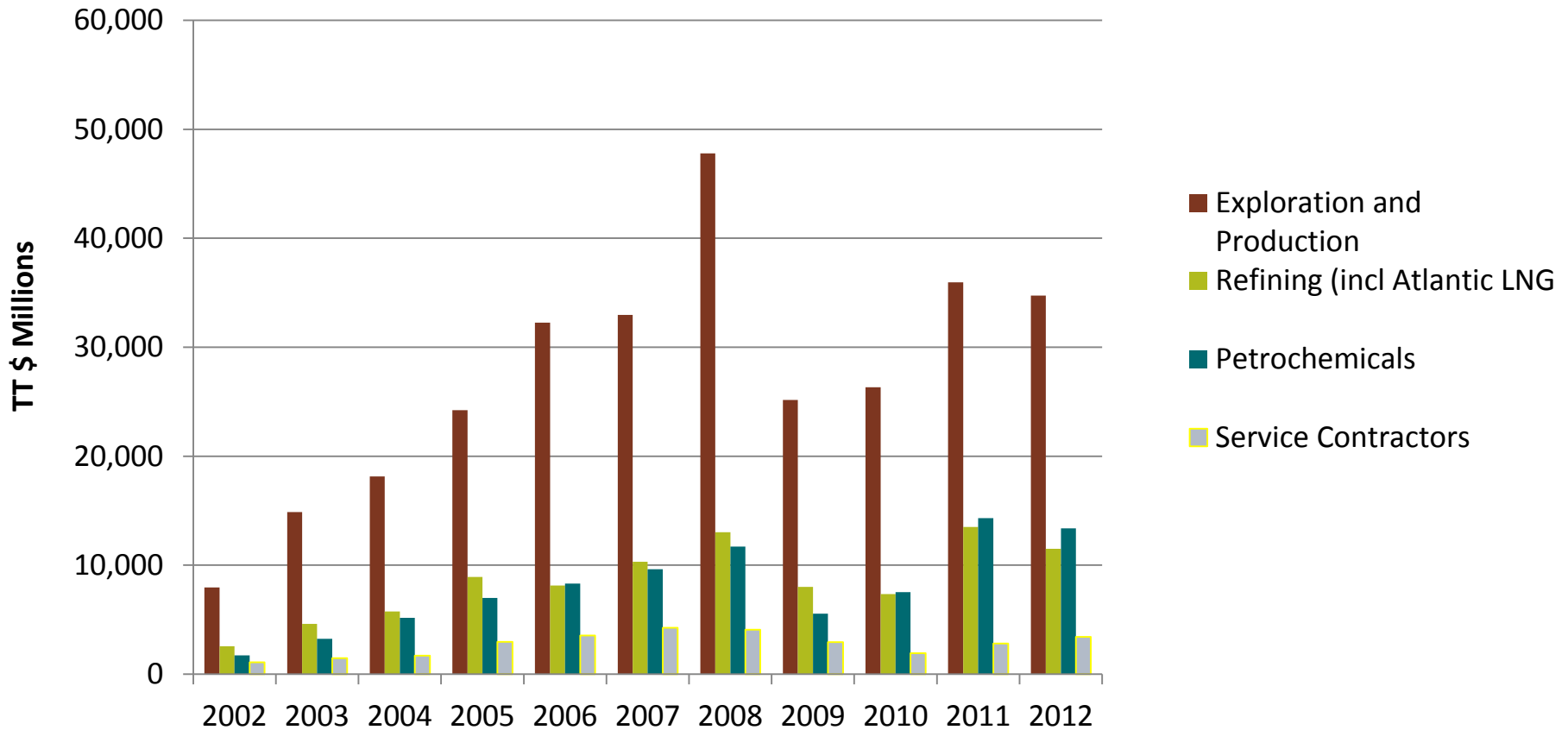
Midstream and Downstream Plants

- 11 Ammonia Plants
 - 7 Methanol Plants
 - 1 AUM complex, comprising
 - 1 ammonia plant
 - 1 urea plant
 - 1 nitric acid plant
 - 1 ammonia nitrate plant
 - 1 UAN plant
 - 2 melamine plants
 - 1 Urea Plant
 - 1 NGL Facility
 - 4 DRI Plants
 - 6 Power Generation Plants
 - 4 LNG Trains
 - 1 Crude Oil Refinery
- Contributed c. US\$3 billion in GDP (2012)
 - Employs roughly 20,000 (inc. temporary jobs)



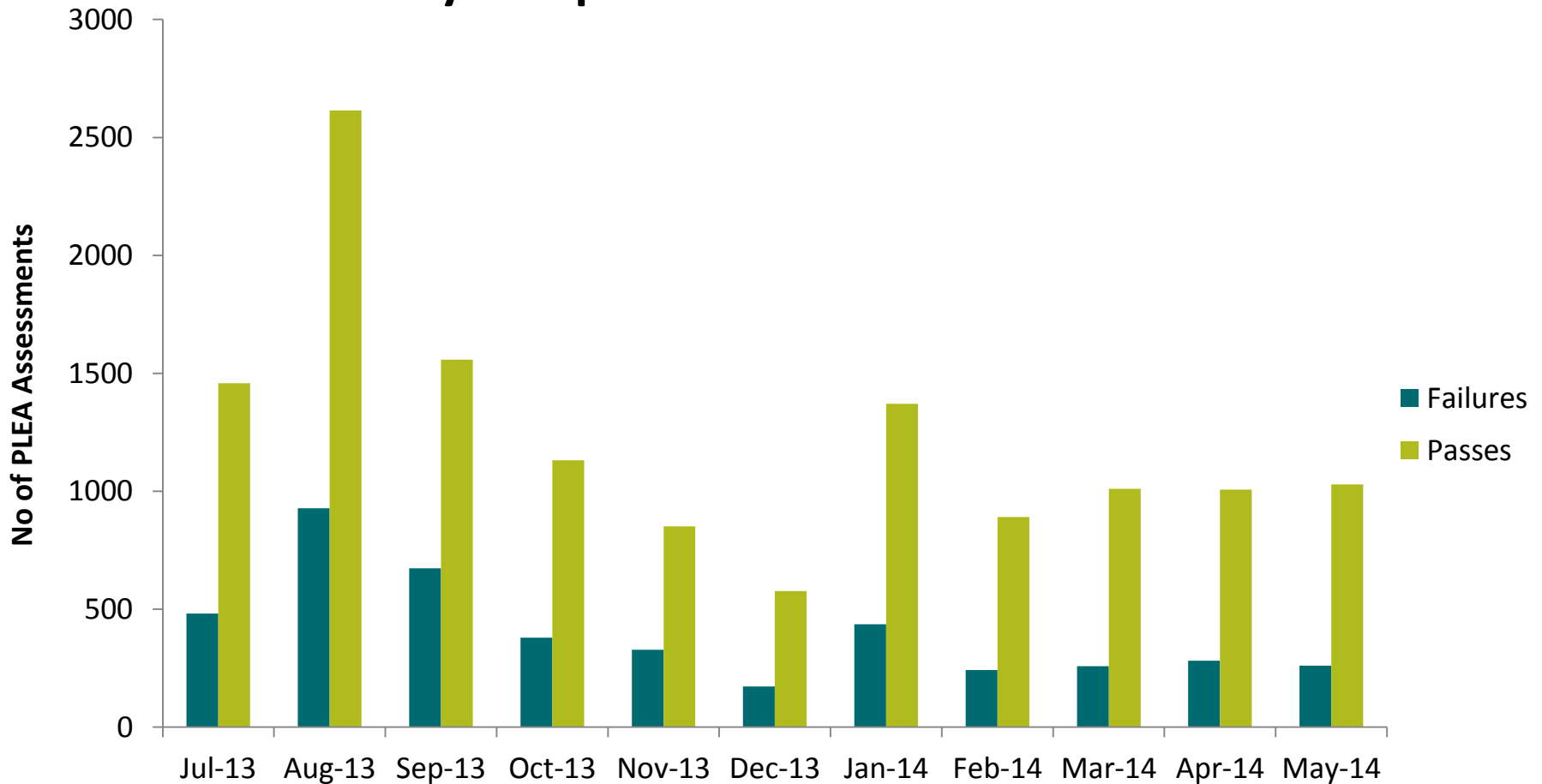
Contribution to GDP

Petroleum Sector GDP 2002-2012

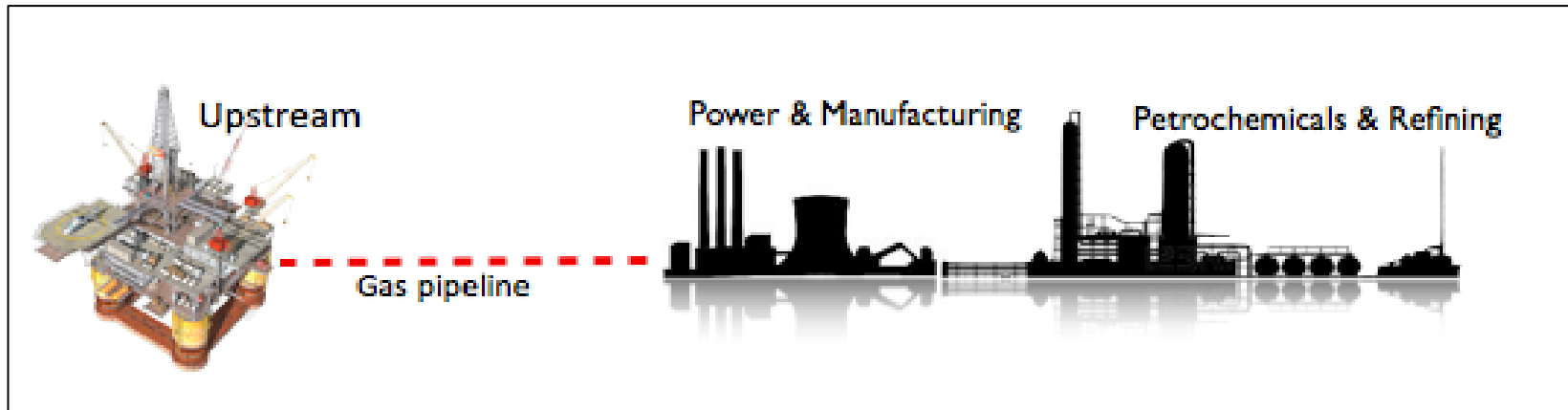


Midstream and Downstream Contribution to employment

PLEA Safety Passport Assessments from 2013-2014



Major issues facing the midstream and downstream energy sector



1. Gas supply fluctuation
2. Future review of upstream/downstream gas contracts
3. Competition for new and existing markets in light of shale gas development
4. Access to skilled personnel

QUESTIONS & COMMENTS