



PTAC

**PETROLEUM
TECHNOLOGY
ALLIANCE
CANADA**

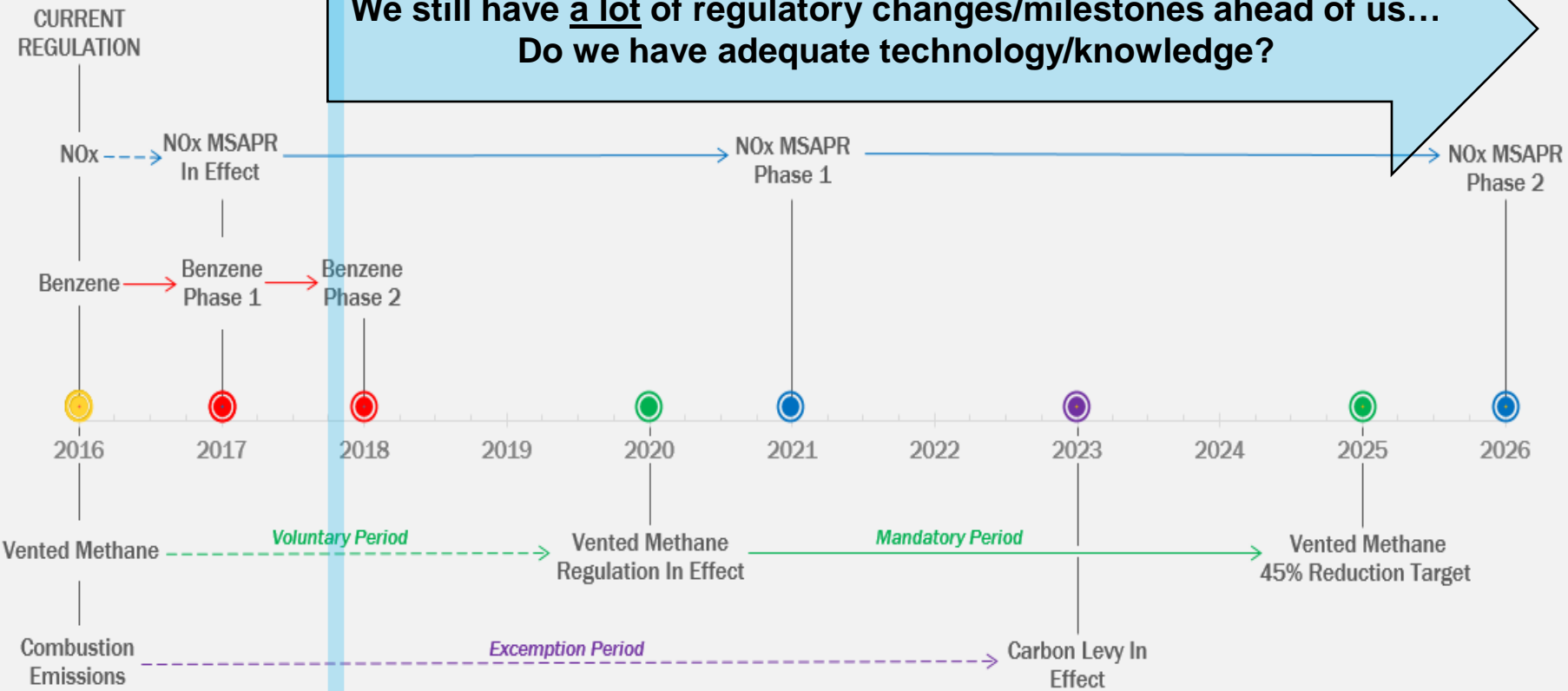
Overview of the PTAC TERE Committee and its Current Initiatives

October 23rd, 2017



The Challenge (or challenges...)

We still have a lot of regulatory changes/milestones ahead of us...
Do we have adequate technology/knowledge?



Luckily we have PTAC (and TEREЕ)...

- Voluntary, industry-led, multi-stakeholder committee of “like-minded” individuals/corporations who are actively seeking to develop/deploy technologies targeted to improve efficiency/reduce emissions.
- Launched in 2003.
- >30 projects funded/executed through TEREЕ.
- Objective of the TEREЕ program is to:
 - Recognize and understand key emission reduction and eco-efficiency issues;
 - Identify and evaluate emissions reduction and eco-efficiency technologies;
 - Recommend best technology and best practice solutions to address key issues;
 - Develop and demonstrate new technologies and best practices that take action on technology for emissions reductions and eco-efficiency;
 - Validate energy efficiency improvements and actual emission reductions achieved.
 - Communicate and promote the transfer of new and existing technologies and best practice based solutions.



Active/Completed Projects & Initiatives

Active: (<https://www.ptac.org/active-projects/>)

- Vented Methane
 - Novel Fixed/Mobile Ground-based & UAV-based Sensors
 - Cap-Op Energy Methane Abatement Project Platform - Phase 2
 - Process Ecology Methane Emissions Advisor
 - Solar Instrument Air Compressor Field Trial
 - Solar-powered Wellsite Electric Controls Field Trial
 - Black Gold Rush Enclosed Combustor Field Trial
 - Atlantis PureJet Incinerator Field Trial

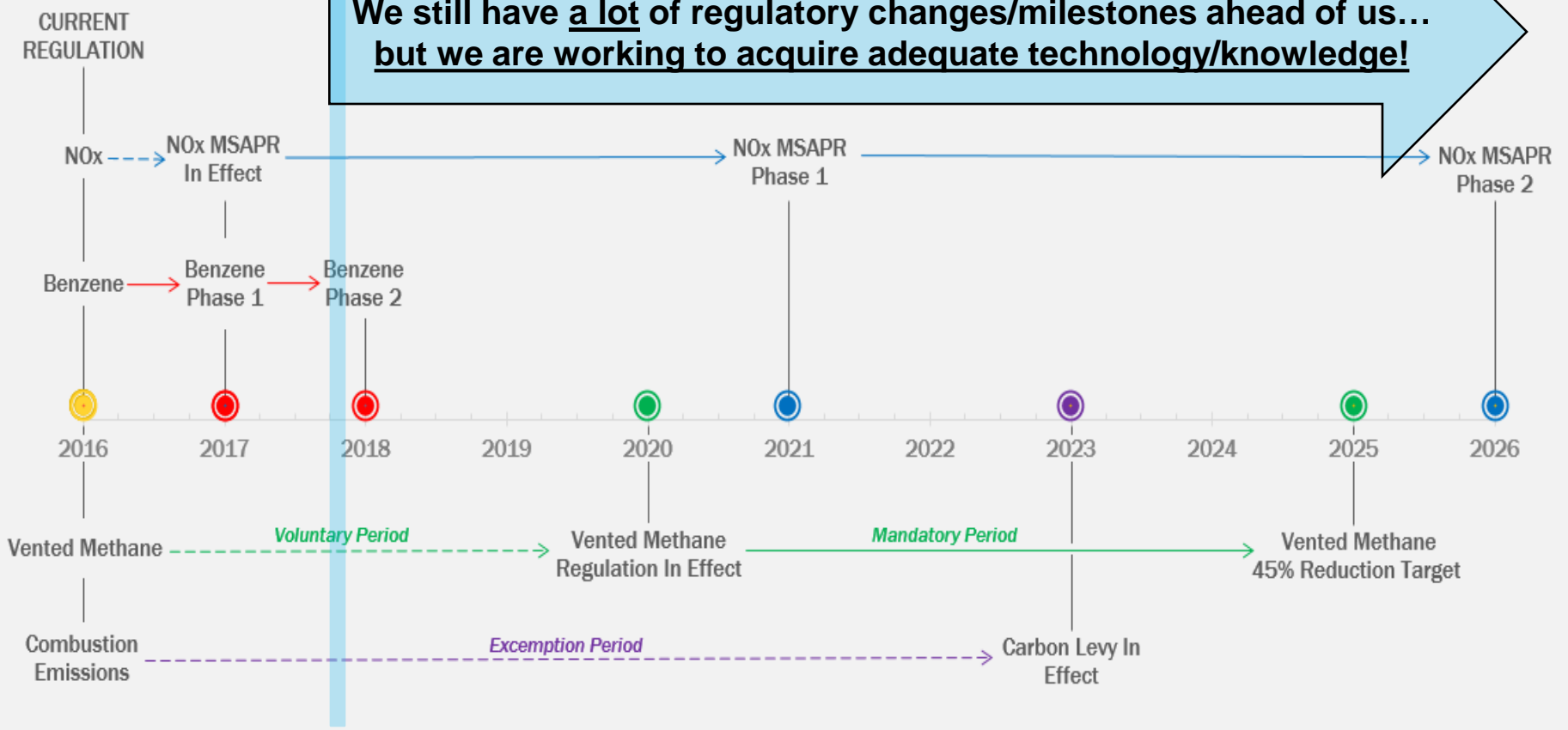
Completed: (<https://www.ptac.org/completed-projects/>)

- CHOPs
 - Conceptual Engineering Study of Technologies for Reducing Vented Methane
 - Understanding The Performance of SlipStream GTS
 - Analysis of The Field Performance of a Blower Technology
 - Analysis of The Field Performance of Hexa-Covers
- GasPro BTEX Vapour Recovery Unit Field Trial
- Upstream Oil & Gas Eco-Efficiency and Operations Handbook



The Challenge (or challenges...)

**We still have a lot of regulatory changes/milestones ahead of us...
but we are working to acquire adequate technology/knowledge!**



For more information, please contact:

**PTAC Petroleum Technology Alliance Canada
4th Floor, 500 Fifth Avenue SW
Calgary, Alberta
T2P 3L5**

Website - www.ptac.org

Current/Historical Projects - <http://www.ptac.org/projects>

**TEREE: Marc Godin, marc.godin@portfire.com, 403-870-5402
Kristie Martin, kmartin@ptac.org, 403-218-7711**