

20th WPC Programme Format

The official theme for the 20th World Petroleum Congress is:

Energy Solutions for All Promoting Cooperation, Innovation and Investment

The 20th World Petroleum Congress will focus the debate on solutions aimed at providing global access for all to reliable, affordable and sustainable energy in both the near and long term future. To achieve these goals, producers, consumers, governments and social representatives need to work in close cooperation to develop innovative ways to find and develop new oil, gas and alternative energy resources, as well as to set higher standards for wiser, more efficient and cleaner energy consumption. The need for a long term view on the massive investments required by the energy sector, and the returns to investors that adopt such a visionary approach, will also be highlighted and debated in the Plenaries, Best Practice Keynotes, Fora, Luncheons, Special Sessions, Ministerial Sessions and Round Tables.

Preliminary List of Plenaries

Plenary 1:	Energy Solutions from the Middle East
Plenary 2:	Solutions for Global Energy Challenges: Technology, Environment and Geo-politics
Plenary 3:	The Relationship between sustainability, good governance and conflict prevention
Plenary 4:	Responsible and Sustainable Investment for the Future
Plenary 5:	Producer – Consumer Dialogue: expectations and deliverables
Plenary 6:	Multisectoral co-operation and a sustainable energy industry
Plenary 7:	Youth
Plenary 8:	Finding energy solutions through innovation and technology
Plenary 9:	Peak Oil – ahead of us or behind us?
Dewhurst Lecture:	An Outstanding Contribution to the Oil and Gas Industry

20th WPC Technical Programme Topics

Block 1 – Natural gas: the energy that makes a difference

Forums

- F1: LNG producers: latest technological developments in liquefaction and shipping
- F2: Enhancing LNG storage, re-gasification and security management
- F3: Improving efficiency, safety and economics for GTL
- F4: Solutions for stranded gas
- F5: Non-conventional gas resources

Best Practice Keynotes

- BPK1: Lessons from project management in major gas projects
- BPK2: Financing gas infrastructure

Round Tables:

- RT1: Cross-border pipelines: how to meet stakeholders' interests
- RT2: Gas price perspectives: high enough to attract investment, low enough to attract consumers
- RT3: Wider applications for natural gas, including CNG and gas to petrochemicals

Block 2 – New Exploration and production frontiers and technologies

Forums

- F6: Exploring new frontiers: innovation and vision
- F7: Advances in reservoir management
- F8: Enhanced recovery: new challenges and technologies
- F9: Breakthroughs in subsurface imaging and direct hydrocarbon detection
- F10: Drilling and completion technologies applied to challenging reservoirs
- F 11: Unconventional high tech applied to the upstream sector



Best Practice Keynotes

BPK3: Developments of deep offshore and deeply buried reservoirs
BPK4: Advances in extra-heavy oil development technologies

Round Tables

RT4: Peak oil: reality or mirage?
RT5: Reserves and resources classification: lessons of new regulations
RT6: Attracting investments to capital-intensive E&P projects

Block 3 – From the well to the consumer: innovations in refining, transportation, fuel technology and petrochemistry

Forums

F12: New refinery technologies to meet feedstock flexibility, transportation fuel demand and quality
F13: Tailored fuels for future combustion engines
F14: Technology and feedstock changes in petro-chemistry
F15: Heavy oil and residue upgrading

Best Practice Keynotes

BPK5: Refinery maintenance and operational reliability
BPK6: Long distance transportation of crude oil and products

Round Tables

RT7: Energy efficiency and emission reduction
RT8: Lessons learned from refinery project management

Block 4 – Complementary energy sources

Forums

F16: Biofuels and biomass: feedstock options life cycle analysis
F17: Wind and solar energy: short and long term perspectives
F18: Clean coal technology
F19: Geothermal and hydro options

Best Practice Keynotes

BPK7: Feasibility of hydrogen as an energy source
BPK8: Comparative analyses of automotive fuel sources

Round Tables

RT9: Cost vs benefits of non-fossil fuels
RT10: The energy mix of the Year 2050

Block 5 – Sustainability commitment: environment, social, economy, education, governance

Forums

F20: Industry responses to climate change
F21: A societal license to operate: HSE and community development
F22: Managing water in upstream and downstream operations
F23: Social responsibility requirements for financing energy projects
F24: Attracting and retaining people

Best Practice Keynotes

BPK9: Ethics and governance practices in the oil and gas industry
BPK10: Latest developments in carbon capture and sequestration
BPK11: Promoting diversity

Round Tables

RT11: Implementing human rights in the oil and gas industry
RT12: Geopolitics and new frontiers
RT13: The changing role of national oil companies
RT14: Geopolitics and regulations on climate change

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