## Q3 2018 presentation 24 October 2018



## Key figures for the third quarter of 2018



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### Update on production in Gabon



#### 30,000bpd Q1 2018 average: 23,975bpd 25,000bpd Q2 2018 average: 19 173bpd Q3 2018 average: 17,409bpd 20,000bpd 15,000bpd 10,000bpd 5,000bpd 0bpd Feb-18 Mar-18 Apr-18 May-18 Jun-18 Sep-18 Jan-18 Jul-18 Aug-18 Oct-18

#### Operated oil production in Gabon over the first nine months of 2018

Note: Production data for October updated as of 22 October 2018

#### Commentary

- Operated oil production on the Ezanga permit stood at 20,162bopd in the first nine months of 2018
  - > 16,129bopd for M&P's 80% working interest
- Production down 20% compared with the same period in 2017, due to the restriction on the volumes evacuated by the pipeline connecting the Ezanga facilities to the Cap Lopez export terminal
- These issues began in mid-May, improved in July but returned in August 2018.
- Despite out remedial and preventive actions, M&P had to completely halt production on two occasions in August
- Production gradually resumed in September but was disrupted again in October 2018

#### Summary of 2018 events

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- Exports were interrupted in recent months due to build-ups of pressure in the export pipeline operated by a third party, through which the production of several operators is transported
- These pressure peaks are the result of fluctuations in the volume and proportion of the most "diluting" oils for the blend in the pipeline
  - The drop in temperatures during the dry season between May and September exacerbated the situation as it caused the flow characteristics to deteriorate
- Maurel & Prom carried out remedial and preventive actions (optimising oil processing, injecting gasoil into the pipeline) but still had to completely halt production on two occasions in August
- A consultation is underway with the various pipeline users and Gabonese authorities to return to normal operating levels as soon as possible through better management of pipeline flows
  - Various technical solutions are also being considered (additional pumping station on the 18" pipeline, alternative export, etc) in order to find a long-term solution to the challenges encountered

#### Map of the Ezanga oil export pipeline network

Cap Lopez export terminal Onal 12" pipeline operated by M&P (124km) Heating Station 1 18" pipeline operated Heating by Perenco (236km) Tsiengi Station 2 Obangue Batanga Koula Heating Station 3 Heating Station 4 12" pipeline operated by Perenco (27km) Coucal ⊗ Rabi Tchatamba Coucal Ganga Echira/Niungo/Moukouti 🛇 Rabi Atora 🛇 **Operators:** M&P Perenco Addax Transportation Gamba Assala of oil produced export terminal on Ezanga Total

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## Update on production in Tanzania



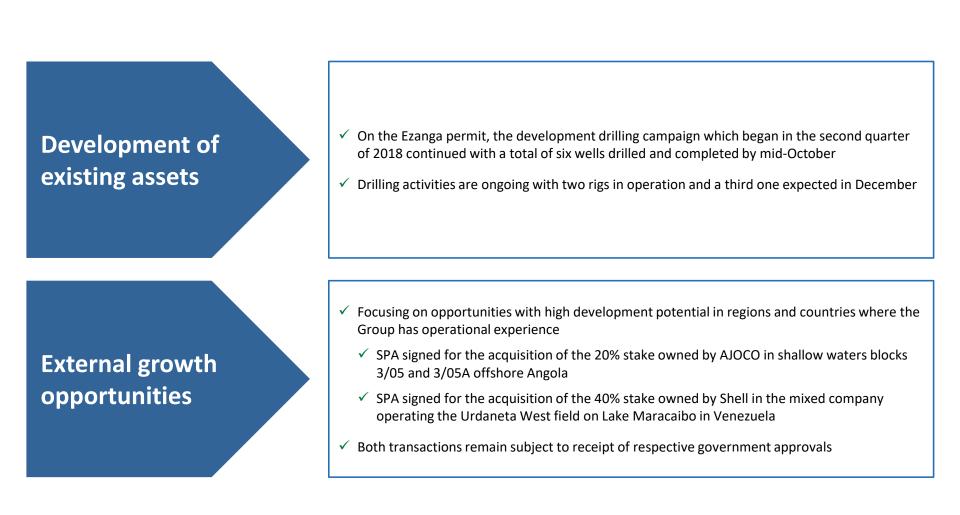
#### Q3 2018 average: 100mmcfpd Q2 2018 average: 86.7mmcfpd Q1 2018 average: 81.6mmcfpd 77.0mmcfpd 90mmcfpd 80mmcfpd 70mmcfpd 60mmcfpd 50mmcfpd 40mmcfpd 30mmcfpd 20mmcfpd 10mmcfpd 0mmcfpd Feb-18 Mar-18 Jul-18 Jan-18 Apr-18 May-18 Jun-18 Aug-18 Sep-18

#### **Operated gas production in Tanzania over the first nine months of 2018**

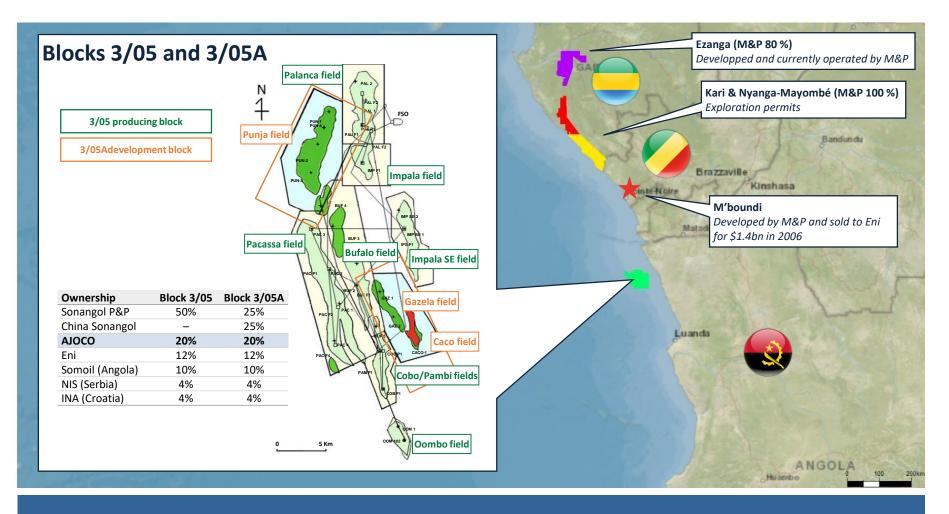
#### Commentary

- Operated gas production averaged 81.8mmcfpd in the first nine months of the year, an 83% increase compared with the same period in 2017
  - 39.3mmcfpd for M&P's 48.06% working interest
- Operated production reached 86.7mmcfppd in the third quarter and is expected to stabilise at this level
- This increase reflects the continued rise in gas demand from Dar Es Salaam's industrial sector

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# M&P's entry into Angola is a new expansion in the Congo basin, a region where M&P has extensive experience



Immediate access to 4,600bpd<sup>1</sup> of production net to the 20% working interest

<sup>1</sup>As per M&P estimates