



The Speed of Life – TDE Operations Highlights

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Well Test & Reservoir Engineer

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Society of Petroleum Engineers

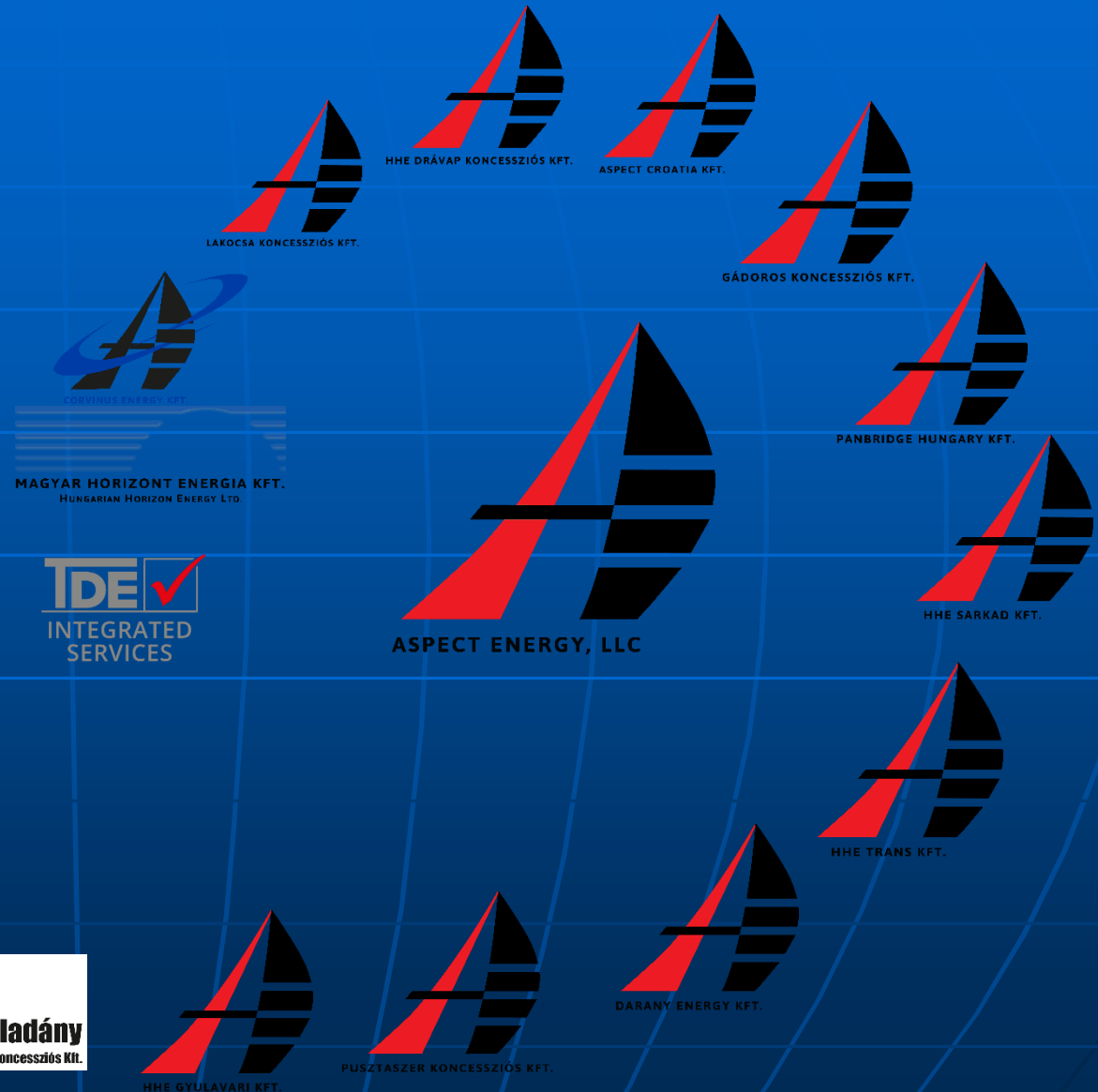
Agenda

- **Introduction and Areas of Operations**
- **The Crew**
- **Drilling Activities**
- **Well Workovers**
- **Central Processing Facilities**
- **Some Highlights Field by Field**
- **Future Plans and Challenges**

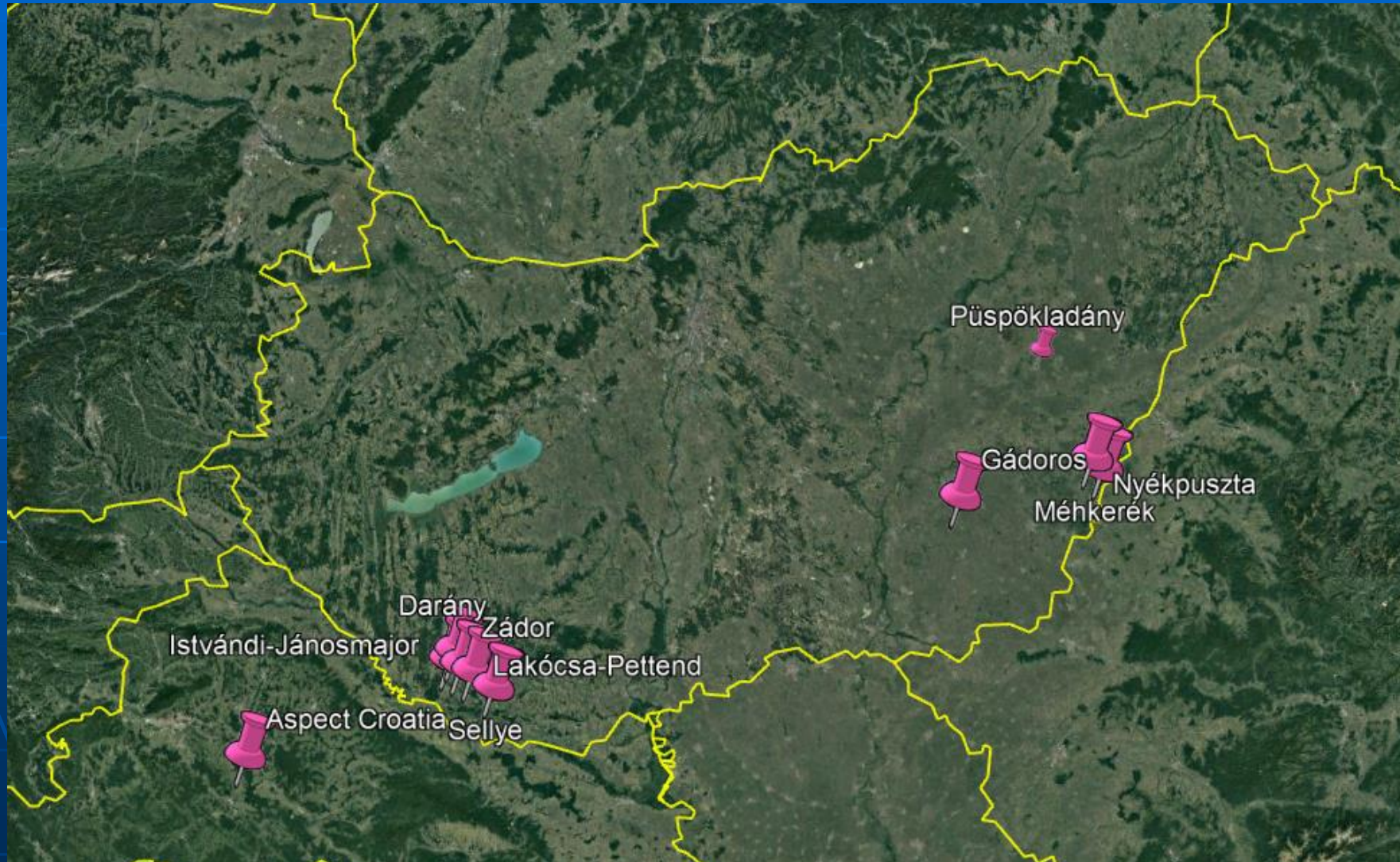


Who we are?

**TDE has been an operator
on the domestic oil industry
stage since 2014 and is part
of the Aspect Energy group
since 2015.**



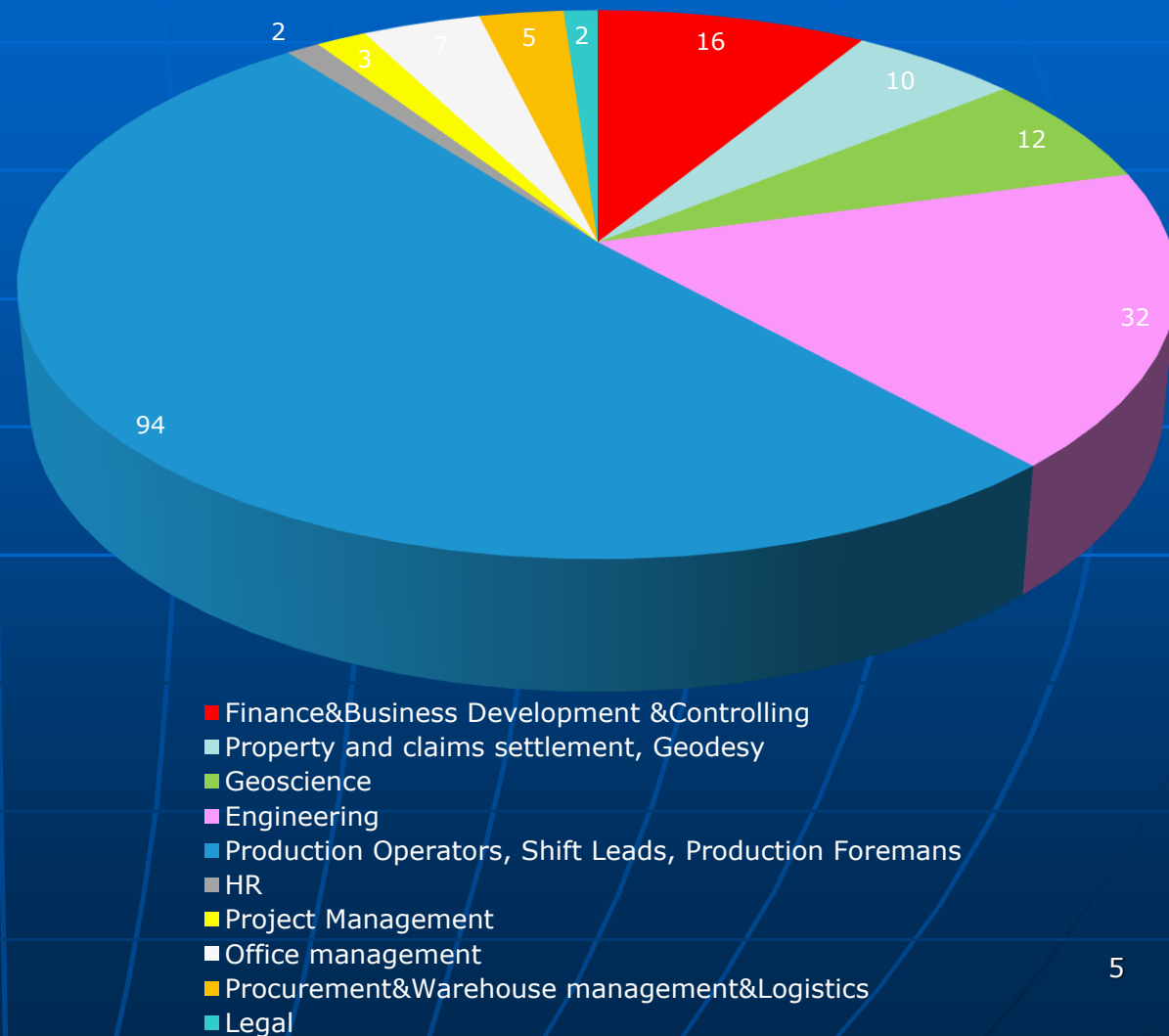
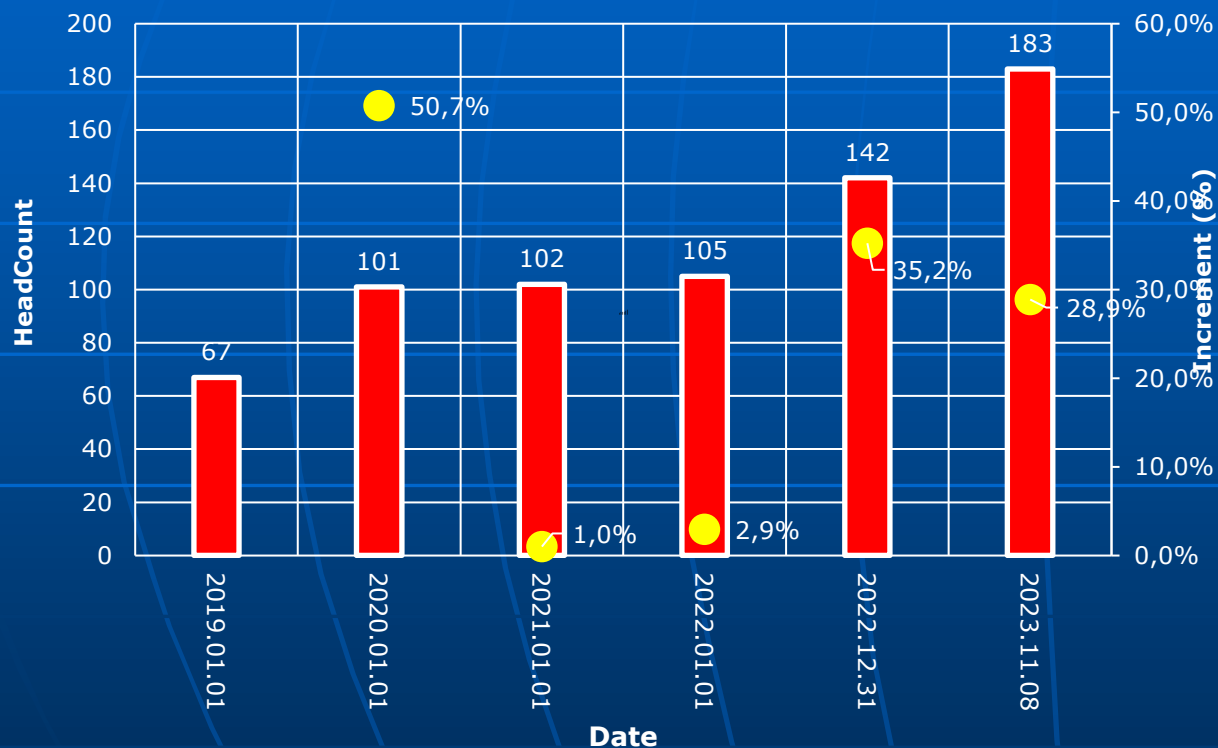
Areas of Operations



The Crew

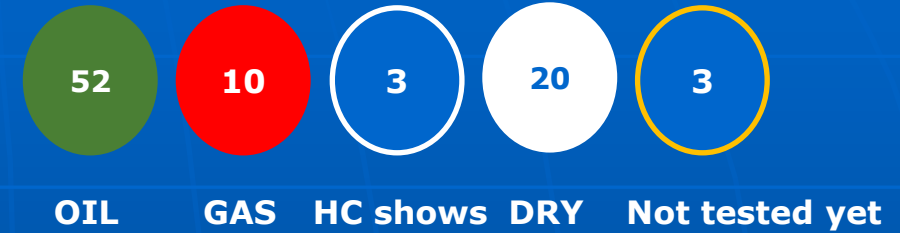
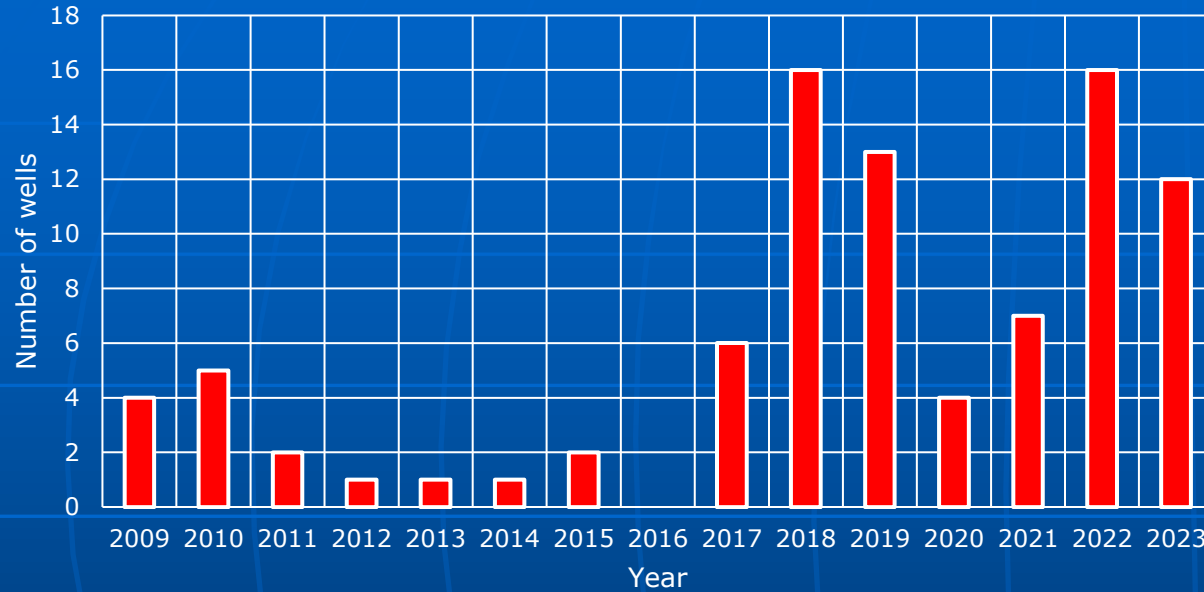
Headcount by Area of Expertise over the years 2023.11.08

Headcount of the Team Over Time

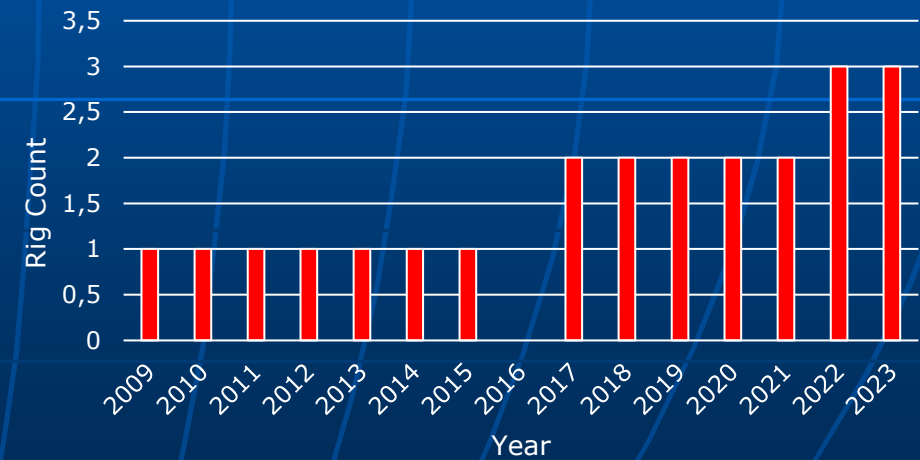


Drilling Activities

Wells Drilled per Year

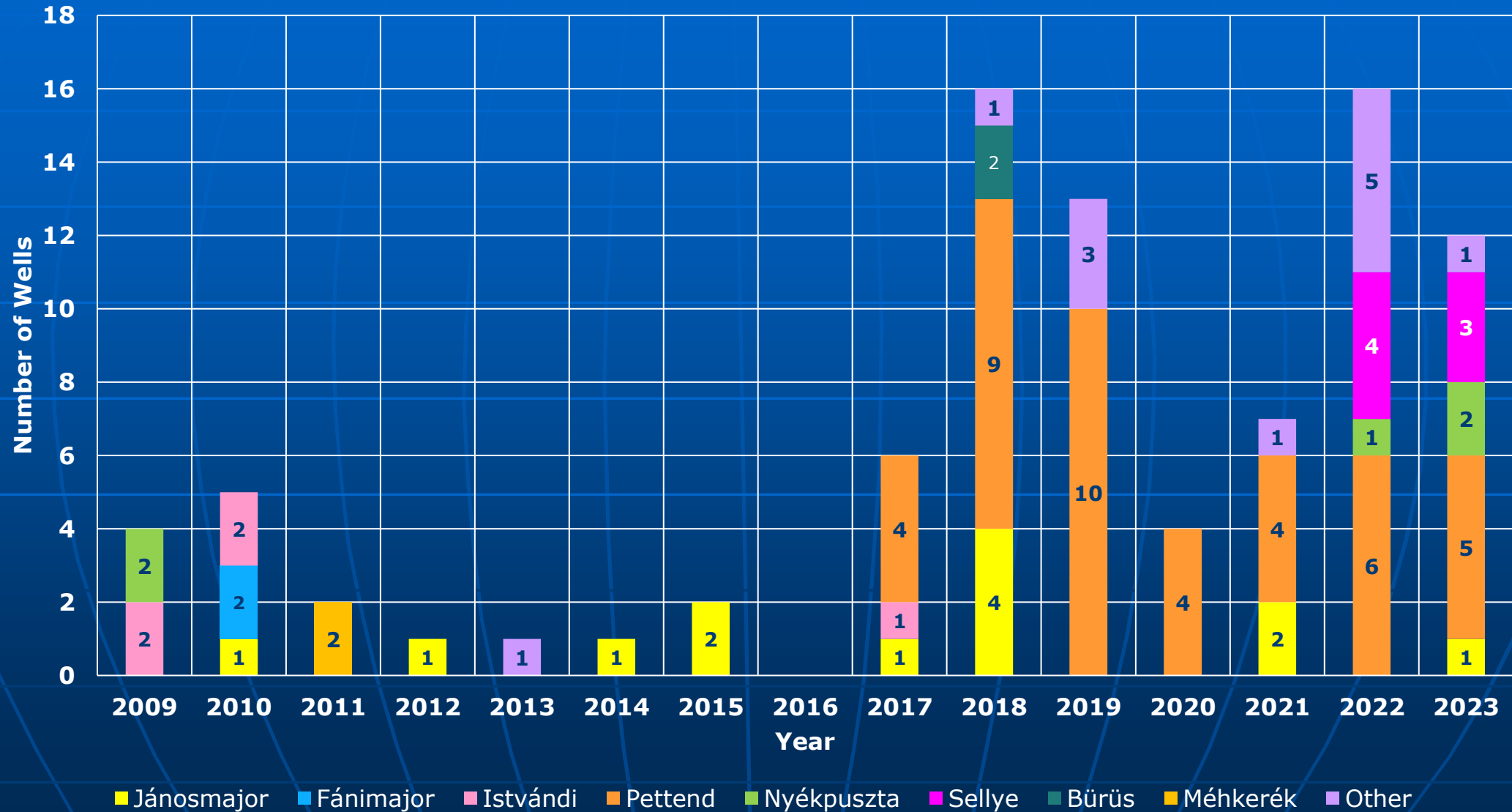


Rig Count



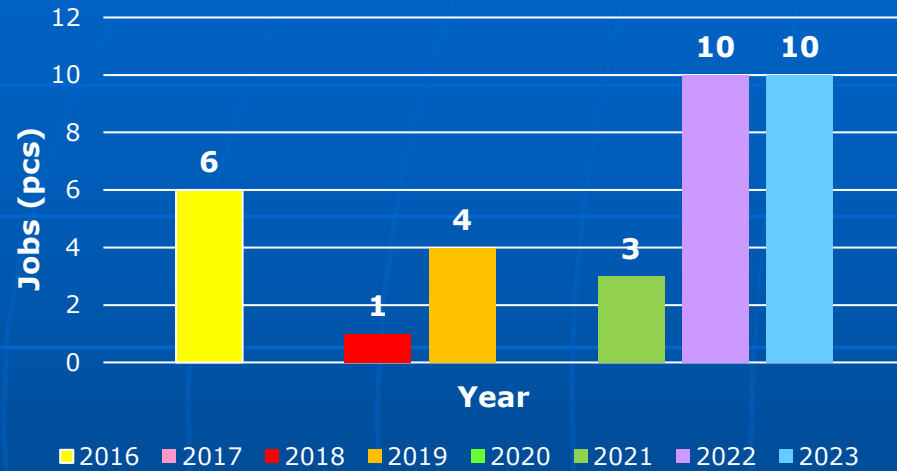
Drilling Activities

Wells Drilled on a Annual Basis by Fields

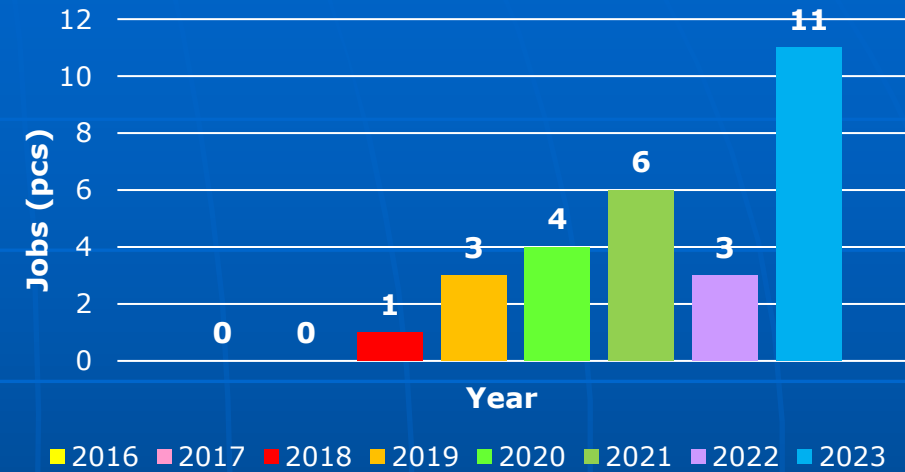


Well Workovers

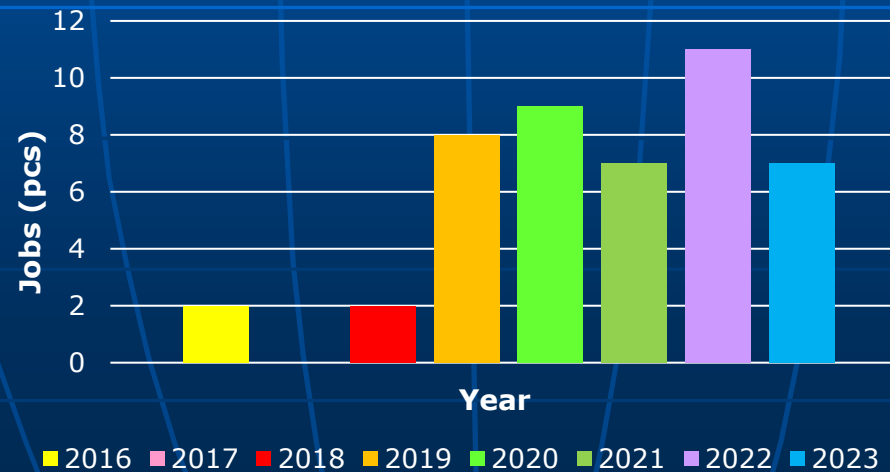
Well Completions & Well Tests



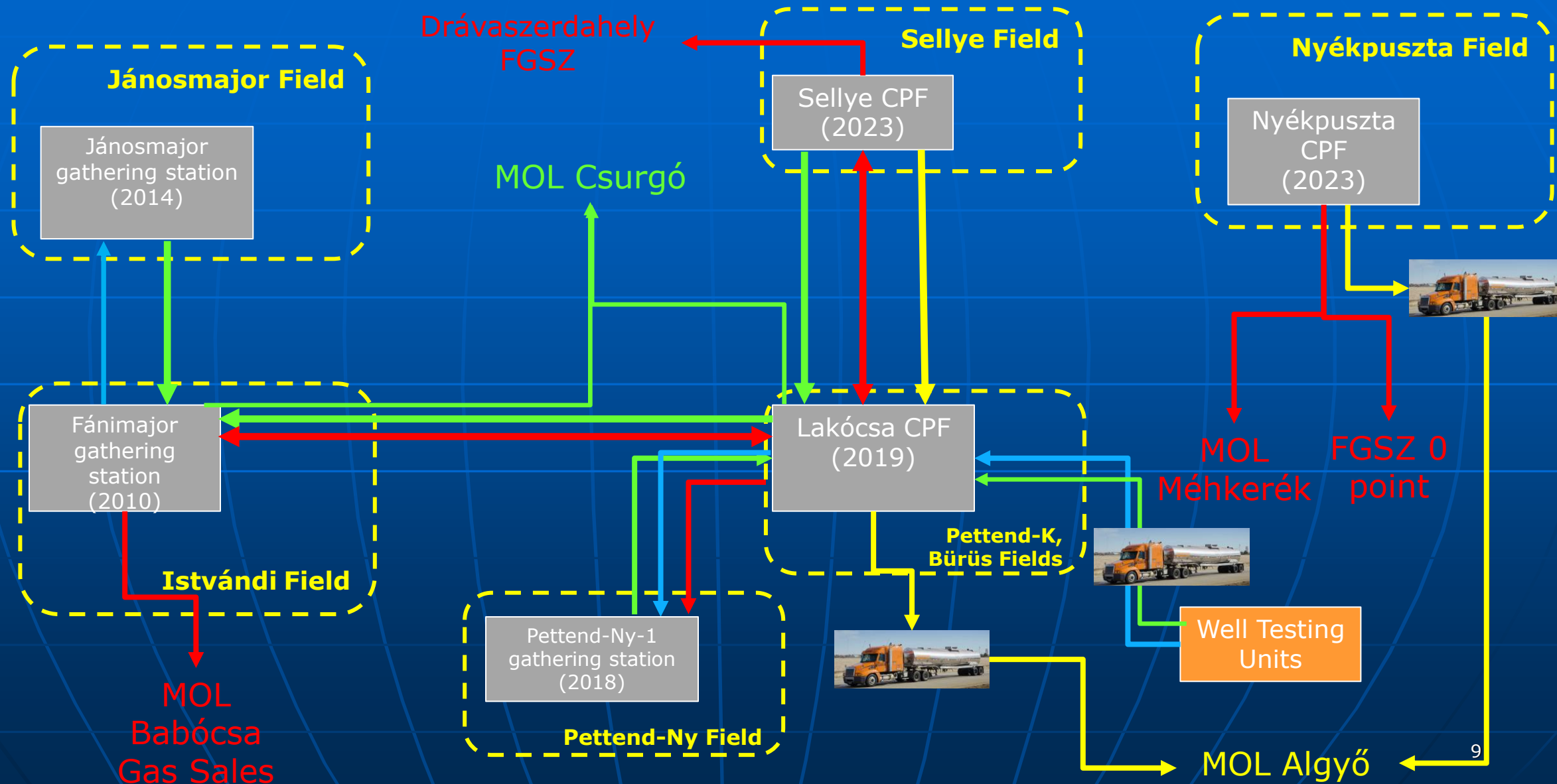
Workovers



Re-Completions



Surface Facilities



Sellye Field – Oil Reservoir

5

OIL

0

GAS

0

Water

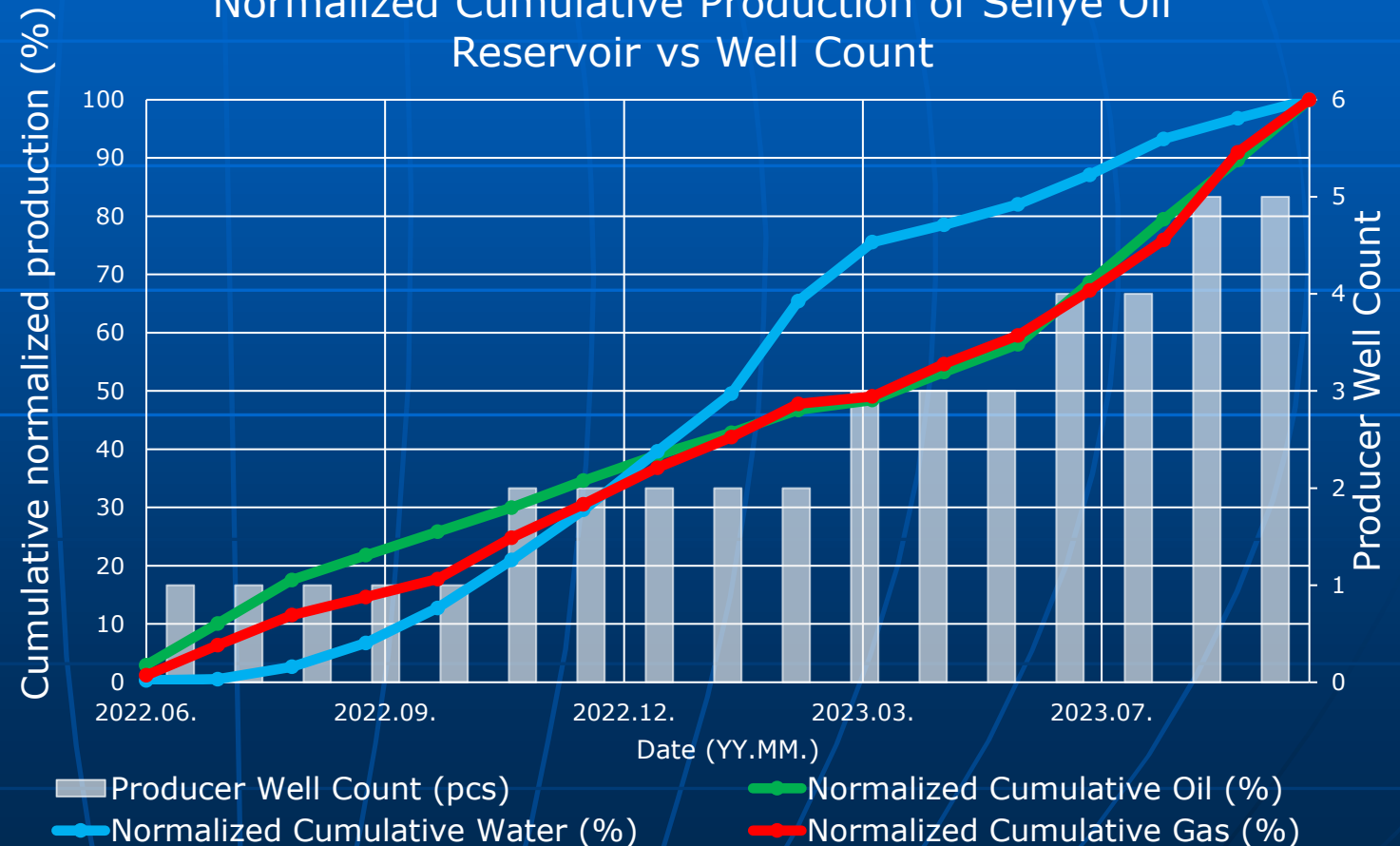
0

Water
Injector

| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 5 | 0 | 0 | 0 |

- 4 active wells
- 1 is waiting for tie-in and stimulation
- 1 is to be connected to low pressure line towards Sellye CPF

Normalized Cumulative Production of Sellye Oil Reservoir vs Well Count

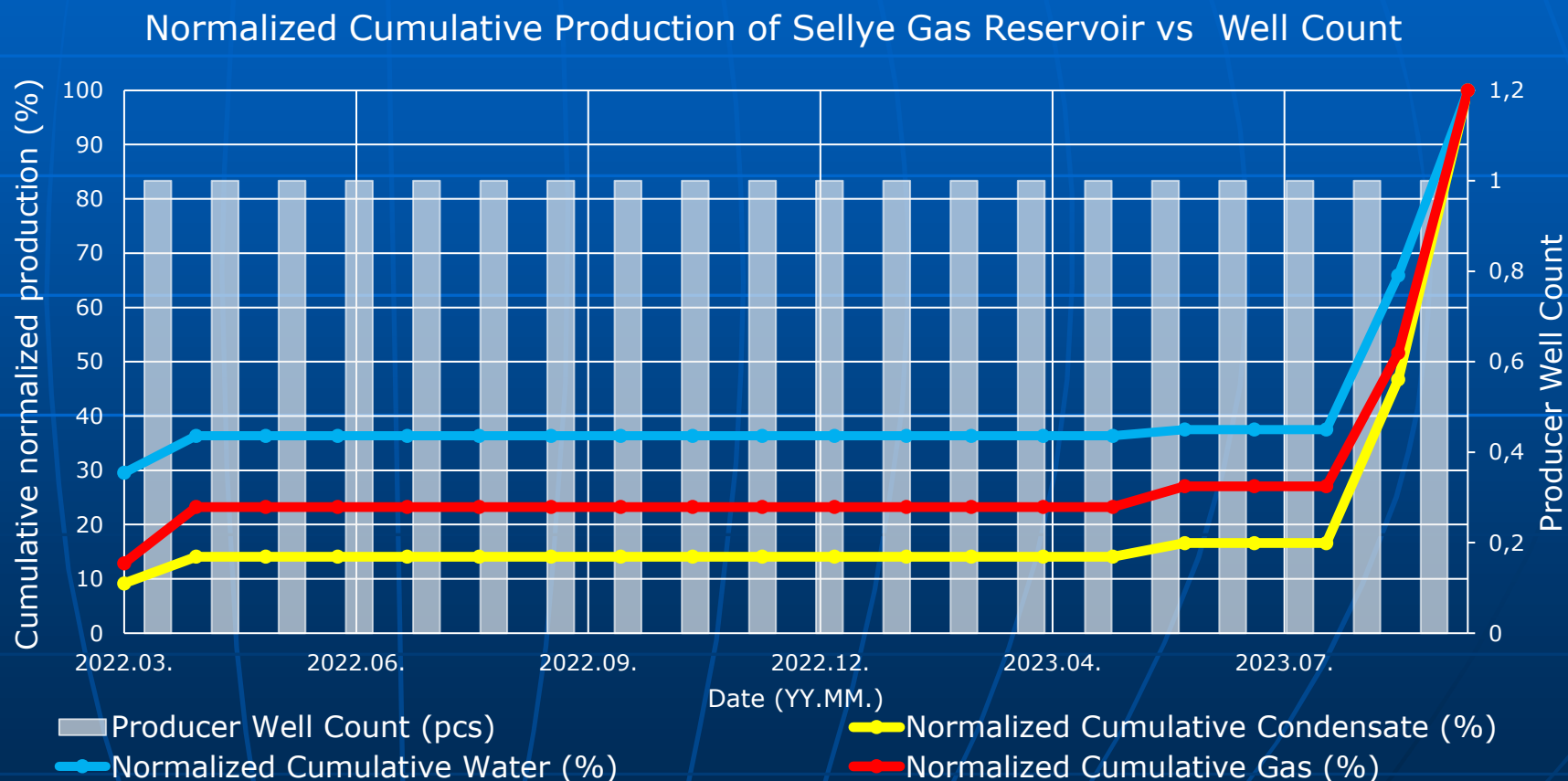


Sellye Field – Gas Reservoir



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 1 | 0 | 0 | 0 |

- **First test was in 03.2022.**
- **1 active well, running smoothly since 09.2023.**
- **1 well is drilled, WT starts at the weekend**

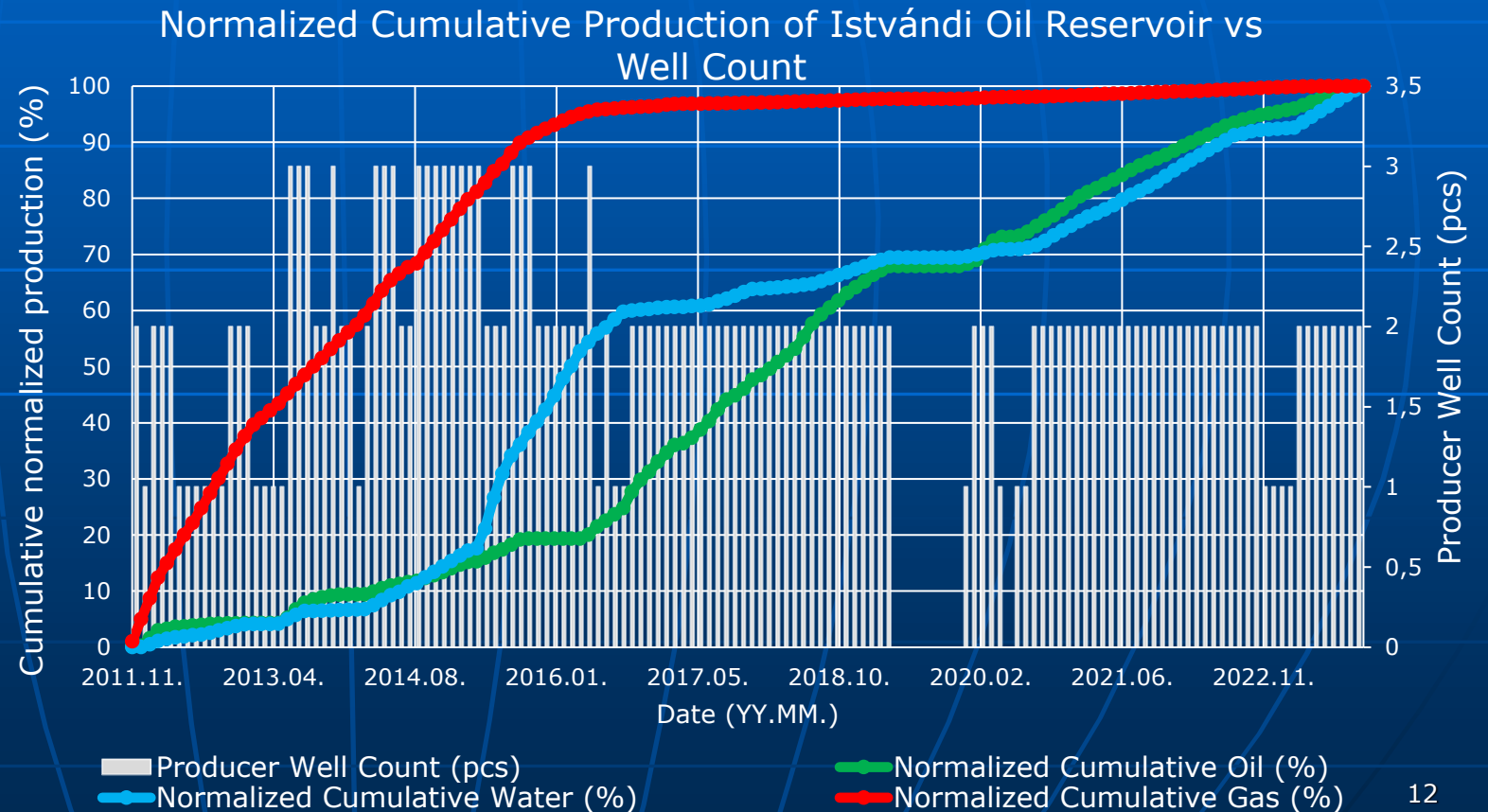


Istvándi Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 2 | 0 | 0 | 0 |

- **2 active wells**



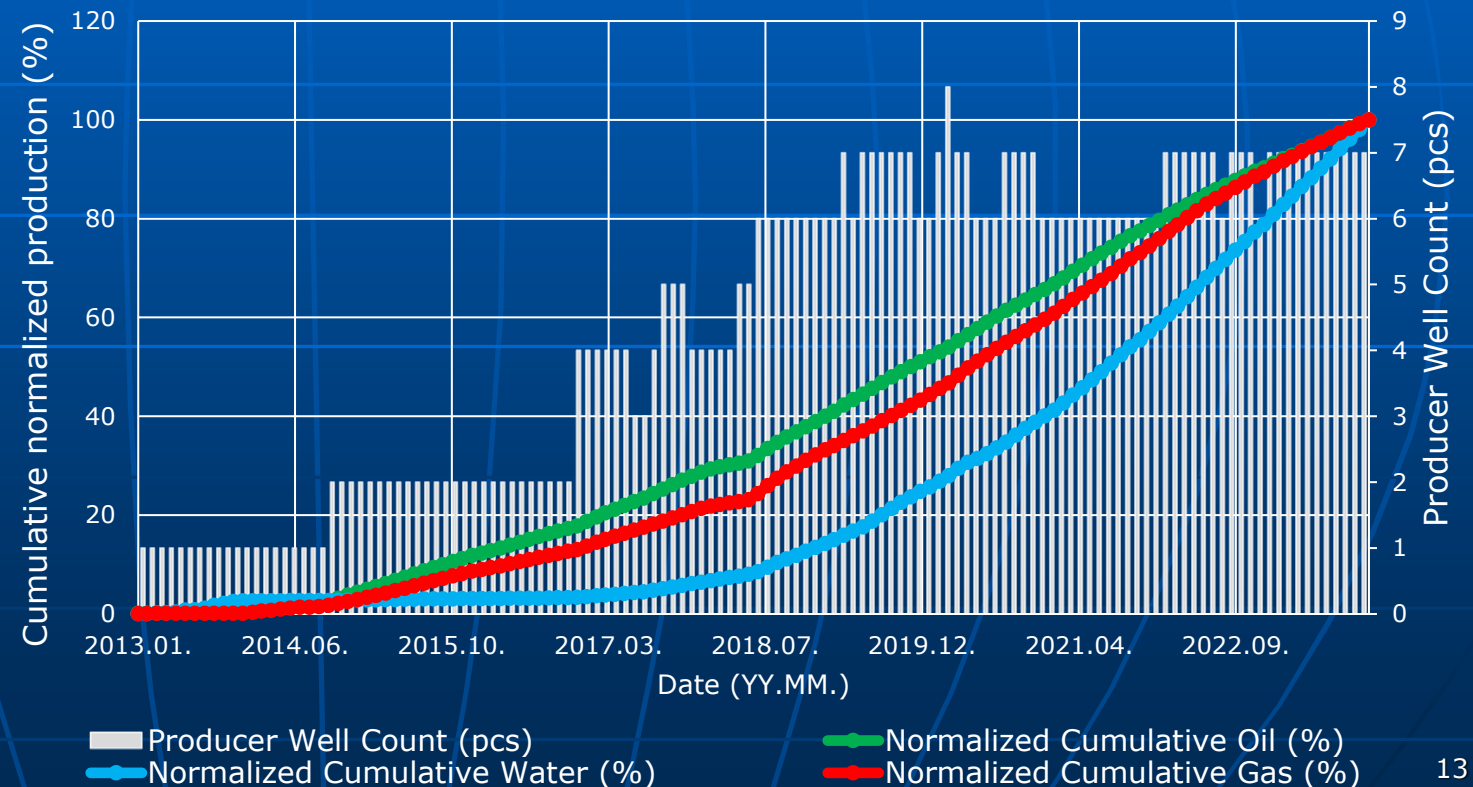
Jánosmajor Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 0 | 0 | 7 | 0 |

- **Production started in 01.2013.**
- **Current status: 6 active producers, 1 producer is down due to SRP failure**

Normalized Cumulative Production of Jánosmajor Field vs Well Count

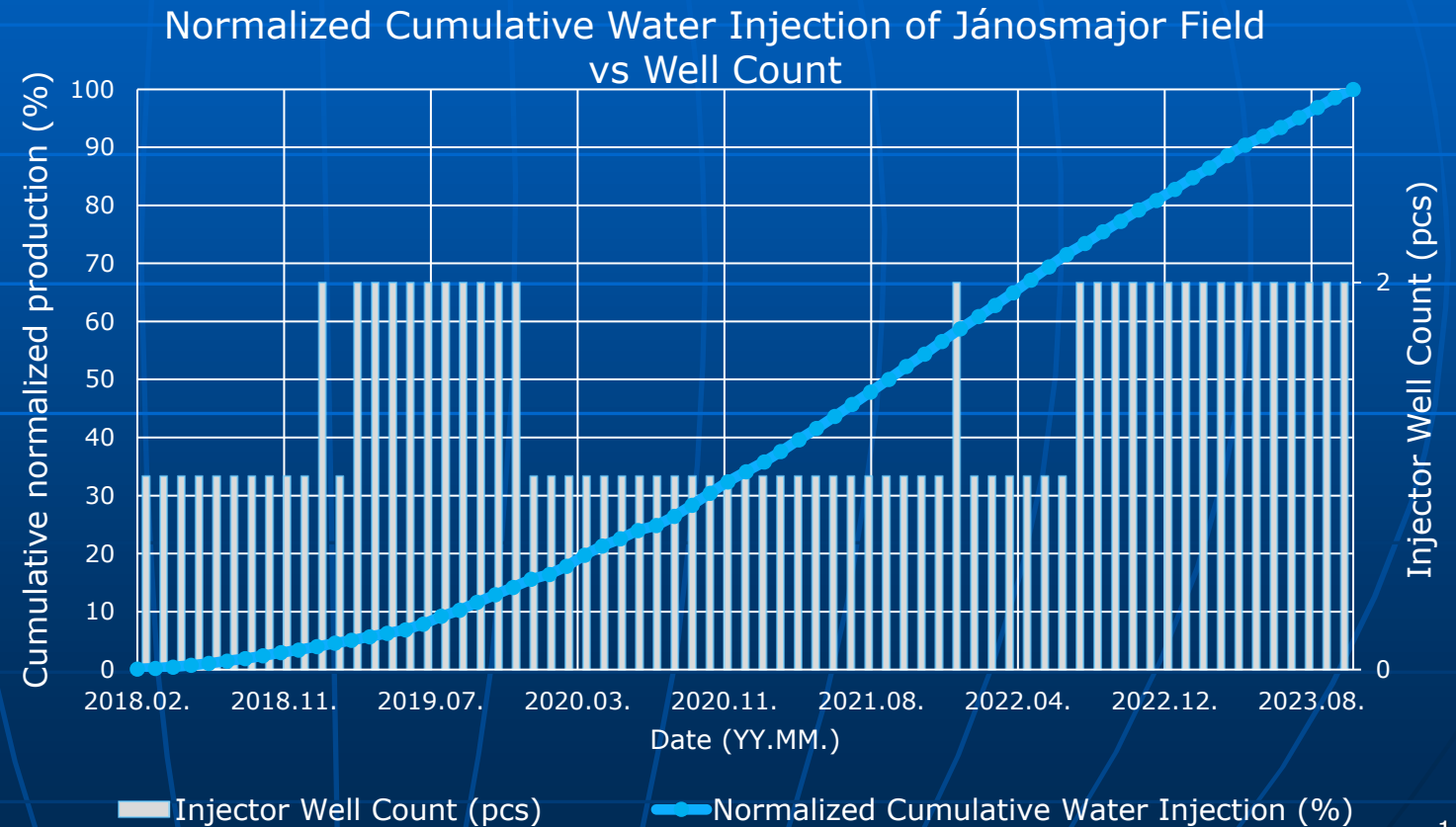


Jánosmajor Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 0 | 0 | 7 | 0 |

- **Injection started in 02.2018.**
- **2 Injectors are active**



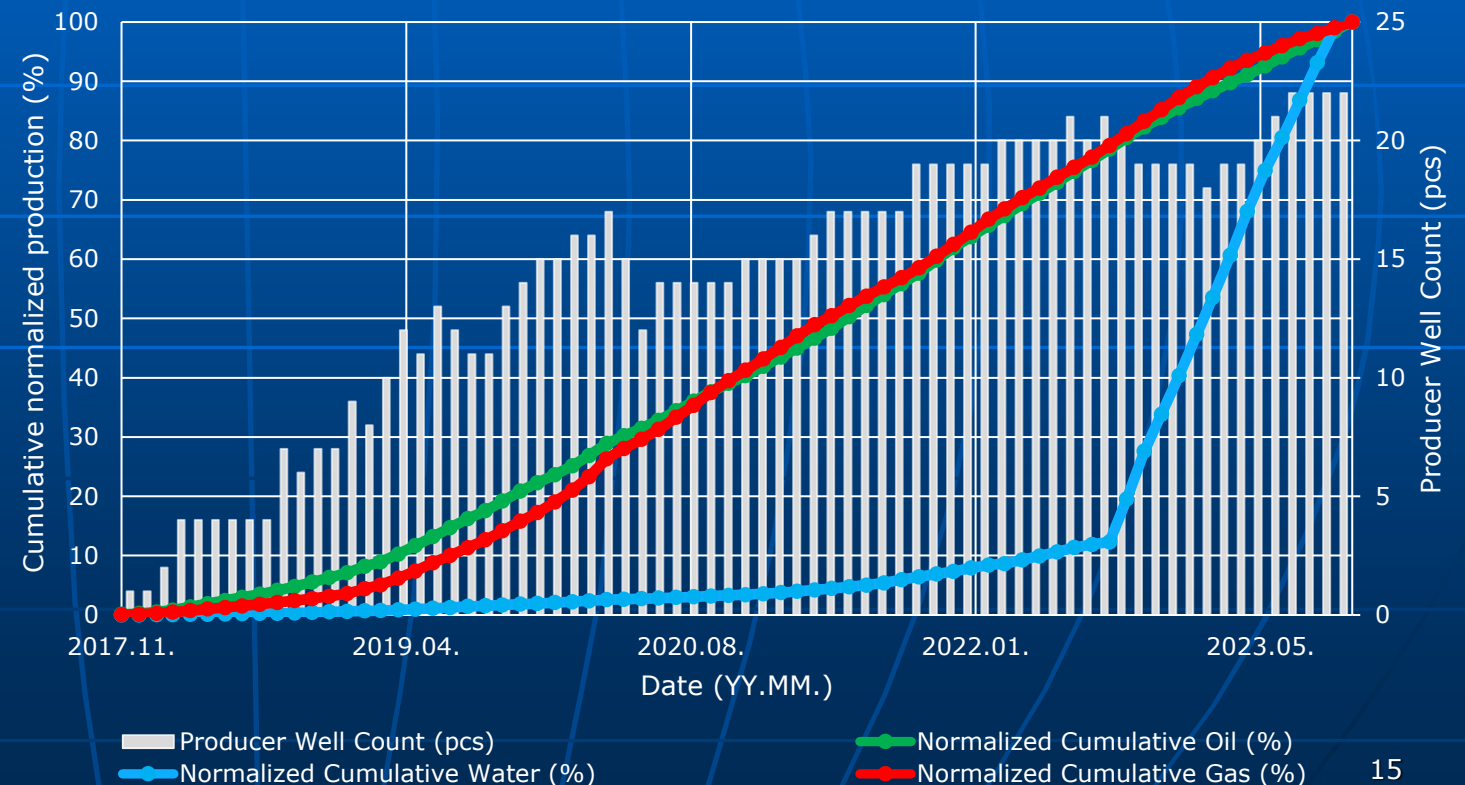
Pettend Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 0 | 19 | 2 | 2 |

- **Production started in 11.2017.**
- **1 well was switched into water producer in 07.2022.**
- **1 well became a water injection from 03.2023.**
- **Current operations:**
 - 1 ESP replacement
 - 1 GLV replacement
 - 1 production type change from GL to CT

Normalized Cumulative Production of Pettend Field vs Well Count



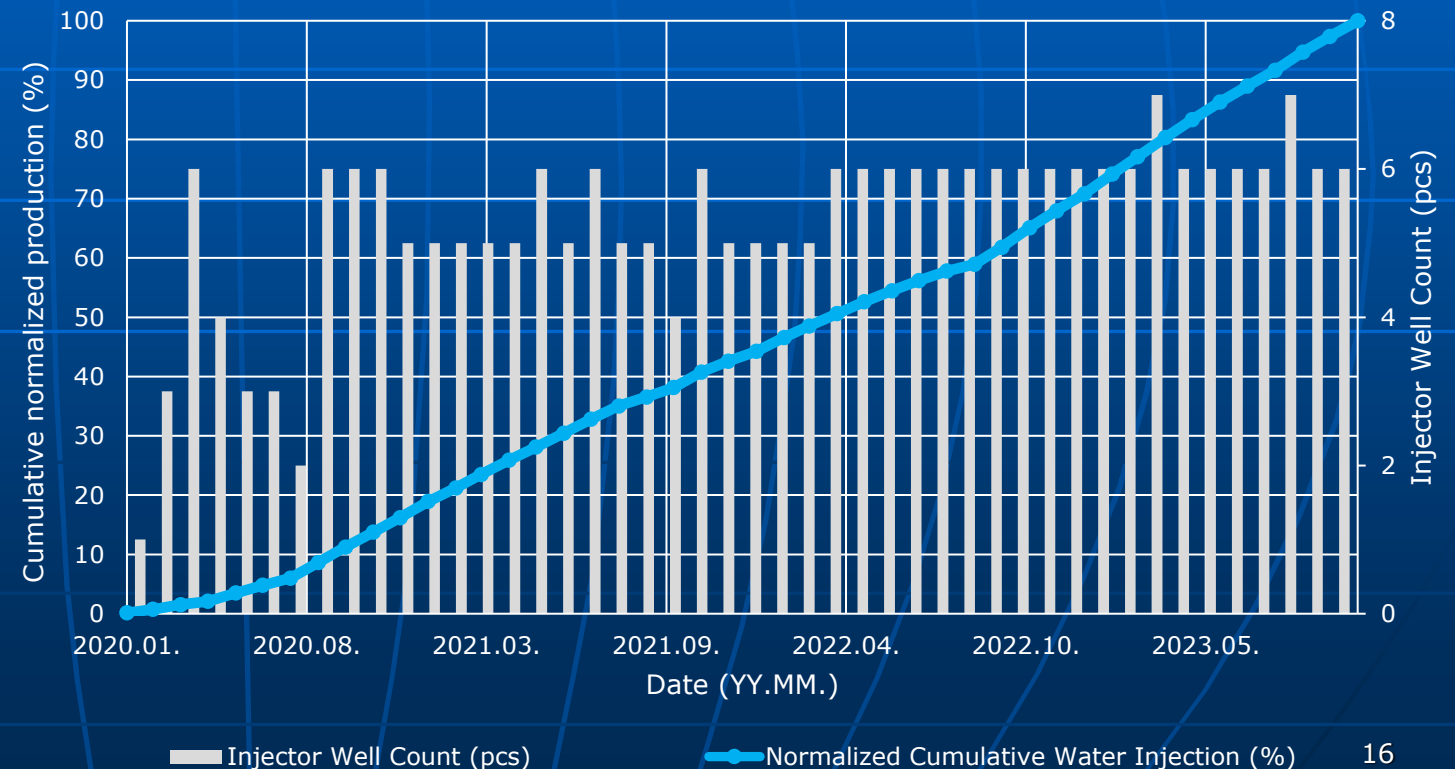
Pettend Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 0 | 19 | 2 | 2 |

- **Water injected since 01.2020.**
- **Injection is managed based on available water volume and regularly reviewed reservoir model adding all obtained pressure data from the wells.**

Normalized Cumulative Water Injection of Pettend Field vs Well Count



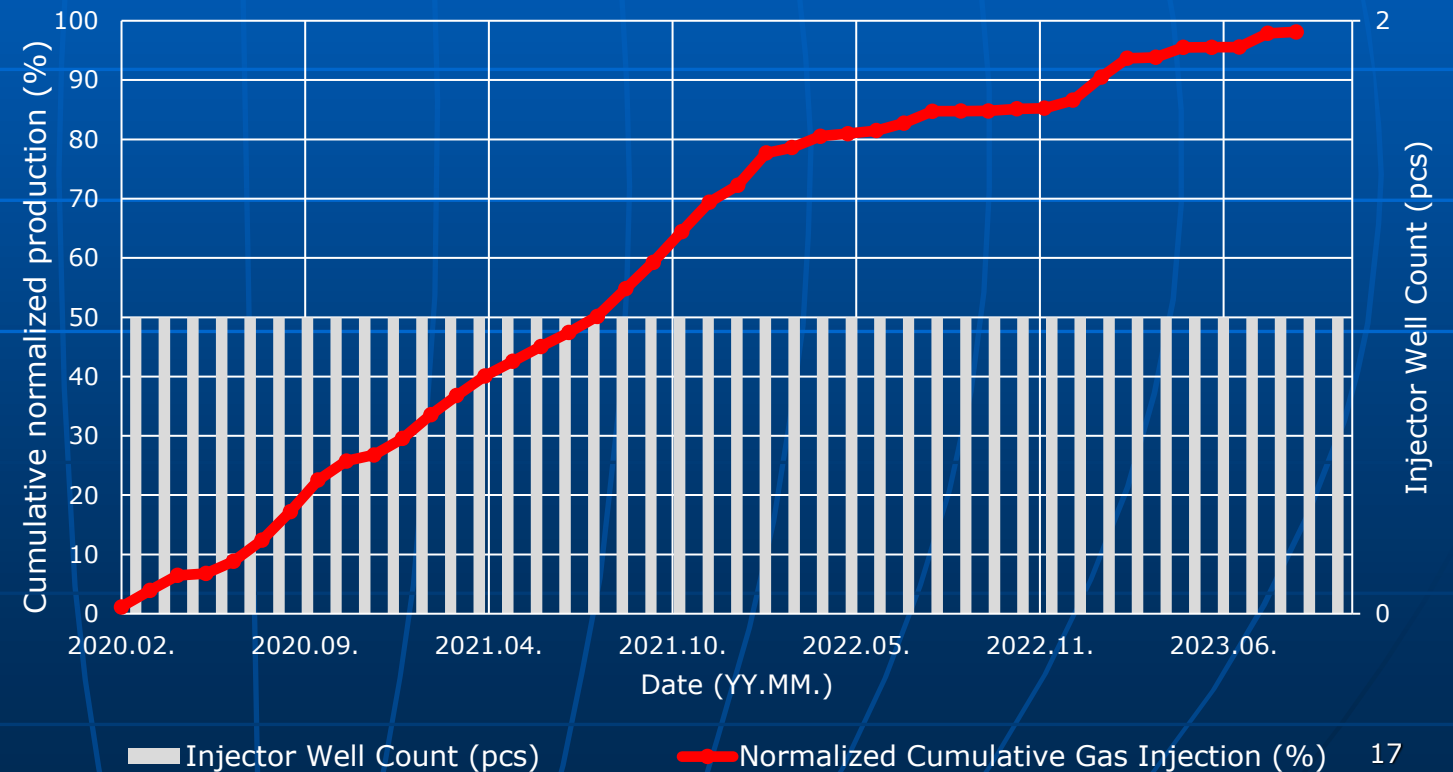
Pettend Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 0 | 0 | 7 | 0 |

- **1 Injectors is active, operating based on available gas volume for the purpose mainly.**

Normalized Cumulative Gas Injection of Pettend Field vs Well Count



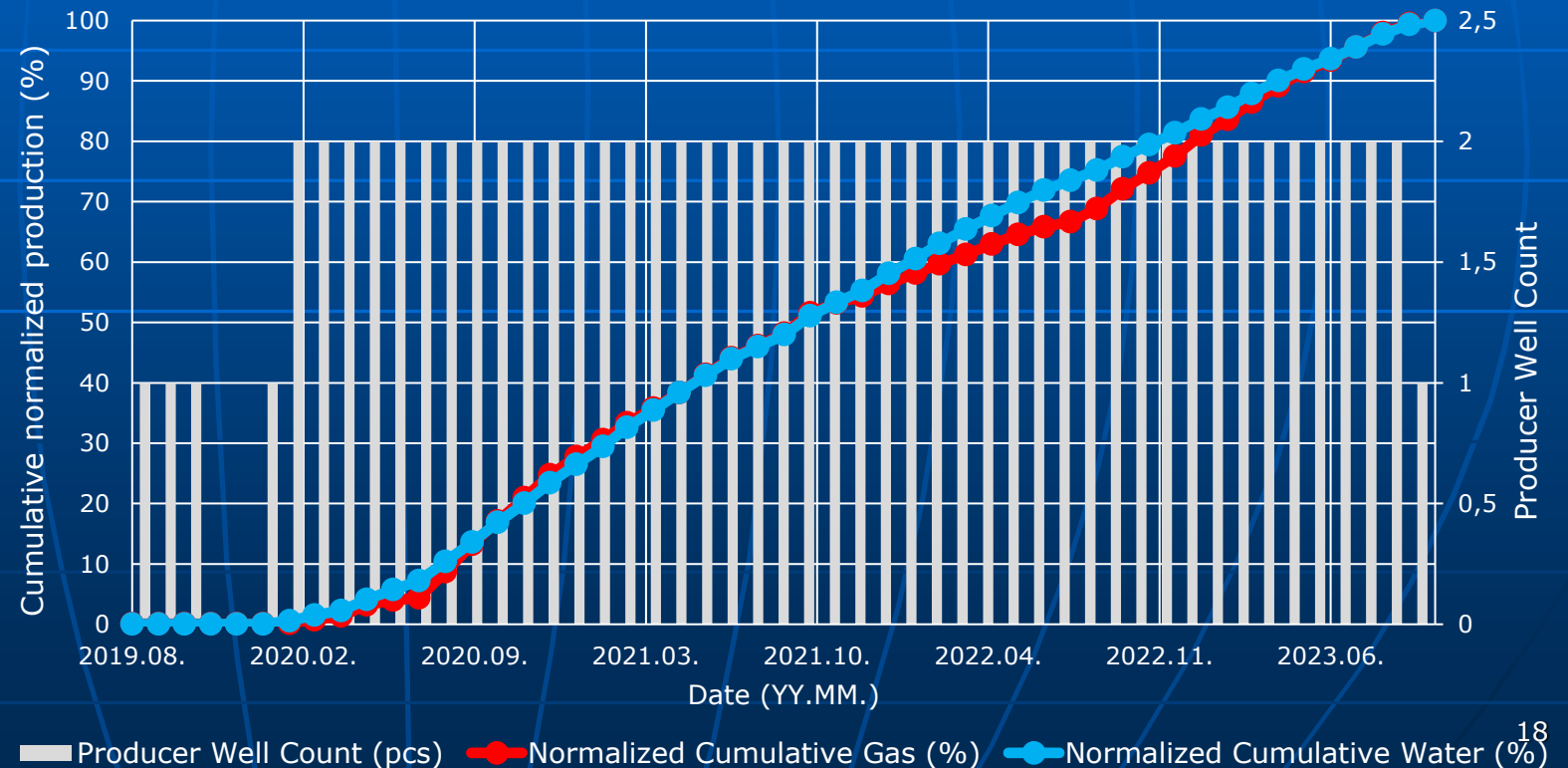
Bürüs Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 0 | 0 | 0 | 2 |

- **Currently 1 well has ongoing ESP replacement**
- **Water is used for injection in other fields**

Normalized Cumulative Production of Bürüs Field vs Well Count



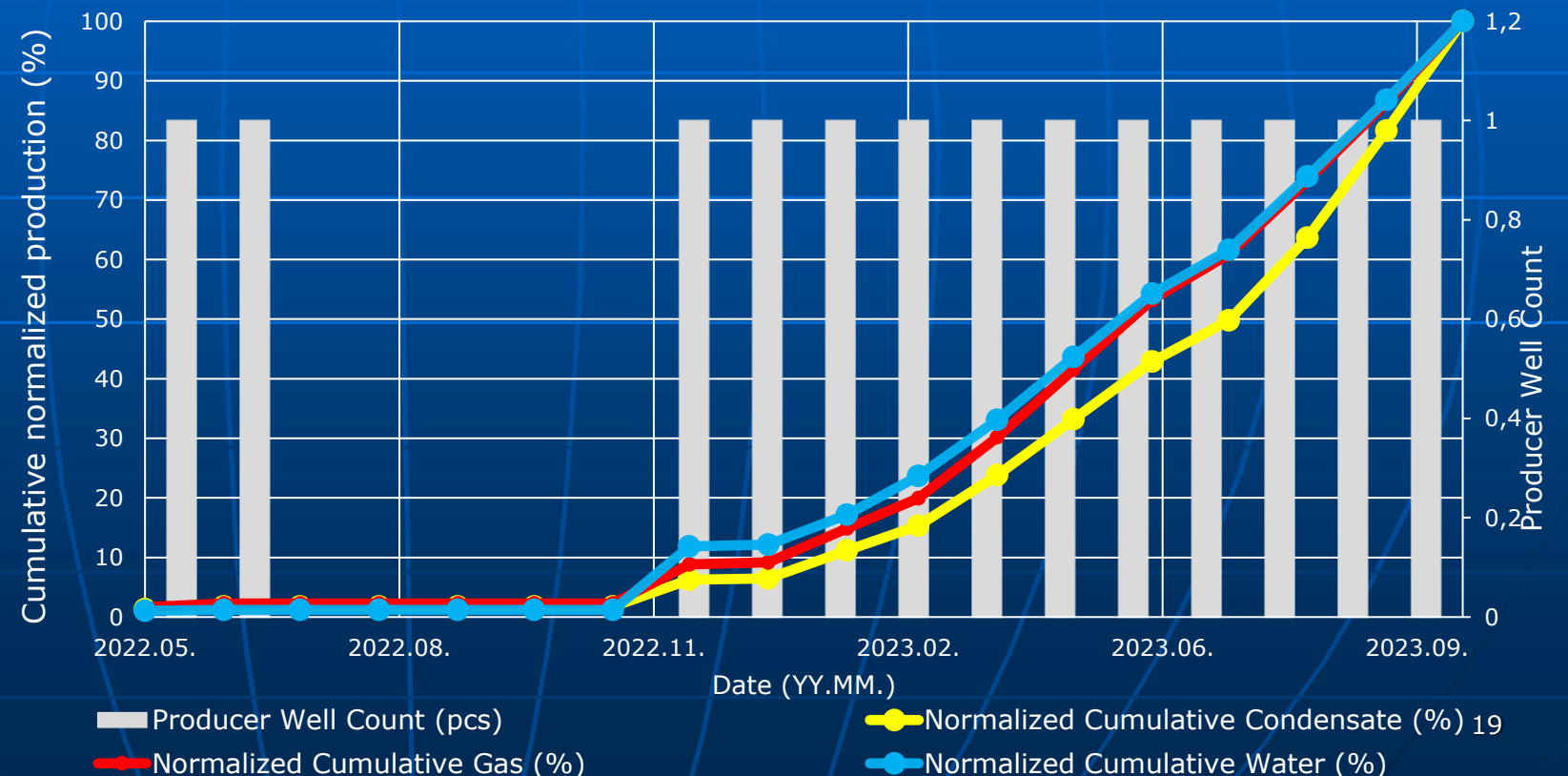
Nyékpusztá Field



| Natural Flow | Gas Lift | Sucker Rod Pump | ESP |
|--------------|----------|-----------------|-----|
| 4 | 0 | 0 | 0 |

- **1 well is in production**
- **2 wells are to be recompleted**
- **1 well has been drilled recently and to be completed and tested soon.**

Normalized Cumulative Production of Nyékpusztá Field vs Well Count



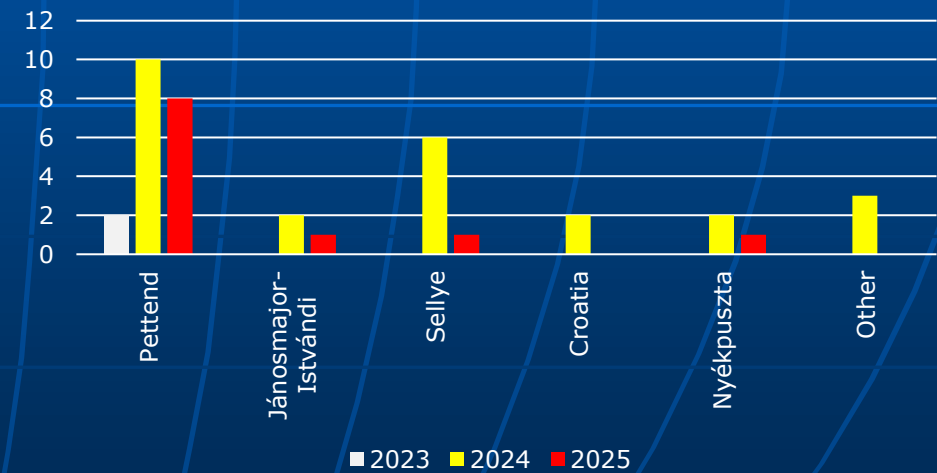
Future Plans



Planned Drilling Activities

| Year | Pettend | Jánosmajor-Istvándi | Sellye | Croatia | Nyékpuszta | Other |
|------|---------|---------------------|--------|---------|------------|-------|
| 2023 | 2 | 0 | 0 | 0 | 0 | 0 |
| 2024 | 10 | 2 | 6 | 2 | 2 | 3 |
| 2025 | 8 | 1 | 1 | 0 | 1 | 0 |

Planned Drilling Activities



Thank you!

