# ChampionX Acquisition of Tomson Technologies and Group 2 Technologies, LLC

December 8, 2021

# Forward-looking statements

This investor presentation contains statements relating to future actions and results, which are "forward-looking statements" within the meaning of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. Such statements relate to, among other things, ChampionX's market position and growth opportunities. Forward-looking statements include, statements related to ChampionX's expectations regarding the performance of the business, financial results, liquidity and capital resources of ChampionX. Forward-looking statements are subject to inherent risks and uncertainties that could cause actual results to differ materially from current expectations, including, but not limited to, changes in economic, competitive, strategic, technological, tax, regulatory or other factors that affect the operation of ChampionX's businesses. You are encouraged to refer to the documents that ChampionX files from time to time with the Securities and Exchange Commission ("SEC"), including the "Risk Factors" in ChampionX's Annual Report on Form 10-K for the fiscal year ended December 31, 2020, and in ChampionX's other filings with the SEC. Readers are cautioned not to place undue reliance on ChampionX's forward-looking statements. Forward-looking statements speak only as of the day they are made and ChampionX undertakes no obligation to update any forward-looking statement, except as required by applicable law.

# Tomson Technologies and Group 2 Technologies

## Technology helping decarbonize energy production

- **Disruptive nano technology platform for production chemistry solutions**
  - Field-deployed technology in Onshore and Offshore markets and proven effectiveness in research, development, and production of nano substrate scale squeeze applications, providing a meaningful advantage
    - Enhanced production, lower costs, reduced carbon footprint
  - Deployment potential for other chemical solutions
  - Blue-chip customer base includes IOCs, NOCs and independent E&P operators

- **Leverages Chemical Technologies' global infrastructure / customer relationships**
  - Opportunity to leverage ChampionX Chemical Technologies' deep and long-standing customer relationships to help scale this new technology in both onshore and offshore geo markets, and expand into additional applications
  - Dedicated lab and RDE facilities

**Differentiated technology well aligned with energy transition efforts**

# Why we are better together

CHAMPIONX

CHAMPIONX

- Over a century of expertise and 6,600 global team members
- Unmatched global supply chain capability
- Market-shaping solutions in reservoir, drilling, production, midstream, and water applications
- Customer-intimate marketing and pricing knowledge driving adoption

OUR COMBINED CAPABILITY

**Alignment to oil and gas industry decarbonization goals**

**Strong growth trajectory**

**Disruptive and differentiated technology with new market pathways**

TOMSON TECHNOLOGIES | Group2 Technologies

- Experience in nano technology platforms and manufacturing
- Provides wide array research and laboratory services
- Supports multinational, state-owned and independent customers; universities, and government entities

GOALZERO YOU LEAD

# Extended Scale Squeeze Treatment – Onshore

## Case Study: Permian Basin

CHAMPIONX

### Opportunity

- Permian producer, 100-well field
- Scale inhibitor manufactured in Houston, and trucked to customer location
- **Implementation of new technology – 3 times the effective squeeze life (elimination of two traditional treatments)**

## 318 TONNES $CO_2e$ SAVED[1]

**Elimination of two traditional squeeze jobs**

- Reduction in emissions during application = **285 tonnes $CO_2e$**
- Reduction in emissions from reduced transportation of chemical to field = **33 tonnes $CO_2e$**
- Field personnel exposure reduced by **600 days** – elimination of chemical handling/field exposure
- Reduced environmental impact – reduced flow-back oil-in-water excursions


**Equivalent to the removal of 69 cars off the road per year[2]**

## $5.1 million SAVINGS

- Reduced rig-up/down time, tank/pump rental, personnel etc. = $3 million
- Reduction in deferred production (fewer well shut-ins needed) = $2.1 million[3]

[1] https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator

[2] Based on 4.6 metric tonnes of CO2 emitted per passenger car per year – Greenhouse Gas Emissions from a Typical Passenger Vehicle | US EPA

A Game Changer in Scale-Squeeze Technology (spe.org)

Case Study: Novel Scale Inhibitor Extends Treatment Lifetimes in Permian EOR (spe.org)

[3] Av. daily well production of 125 bbl, well downtime for squeeze = 1.5 days, oil price = $55/bbl

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# Extended Scale Squeeze Treatment – Offshore

## Case Study: US Gulf of Mexico

## Opportunity

- Gulf of Mexico asset – **scale squeeze of one subsea well**
- Scale inhibitor manufactured in Houston, TX, trucked to Port Fourchon, LA, then from service boat to production platform
- **Implementation of new technology – 3 times the effective squeeze life (elimination of two traditional treatments)**

## 686 TONNES $CO_2e$ SAVED[1]

- Reduction in service vessel and chemical logistics = 167 tonnes
- Reduction in emissions generated during squeeze job = 519 tonnes

- Reduction in chemical handling by operators
- Reduced environmental impact – reduced flow-back oil-in-water excursions


**Equivalent to the removal of 149 cars off the road per year[2]**

## $4.9 million OPEX SAVINGS

- Reduced service boat rental, pumps, personnel = $1.6 million
- Reduction in deferred production (fewer well shut-ins needed) = $3.3 million

[1] https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator
10.18 Kg $CO_2$/gallon diesel
[2]Based on 4.6 metric ton of CO2 emitted per passenger car per year
Greenhouse Gas Emissions from a Typical Passenger Vehicle | US EPA

[3] Av. daily well production of 7,500 bbl, well downtime for squeeze = 4 days, oil price = $55/bbl