PROSPECTS OF CCS IN RUSSIA



11 November 2021





CCS CONTRIBUTION

IEA: «Net Zero by 2050», 2021 IRENA: «World Energy Transitions Outlook: 1.5°C Pathway», 2021 IPCC: «Special report: Global warming of 1.5 °C», 2021

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CCS SOLUTIONS ARE READY FOR DEPLOYMENT



RUSSIA HAS SIGNIFICANT POTENTIAL FOR CO₂ INJECTION AND STORAGE



MAJOR EMITTING COUNTRIES CO₂ EMISSIONS (2018, %)



DISTRIBUTION OF CO₂ STORAGE RESERVOIRS WORLDWIDE (%)



RUSSIA'S GEOLOGICAL POTENTIAL OFFERS WIDE-RANGING OPPORTUNITIES FOR DOMESTIC AND CROSSBORDER PROJECTS



GAZPROM NEFT HAS IDENTIFIED TOP LARGE SCALE CCS OPPORTUNITIES



GPN AIMS TO LAUNCH A PILOT PROJECT IN ORENBURG REGION



- 1. CCS is essential to achieve Paris Agreement goals
- 2. Russia has significant geological potential for implementing CCS projects
- 3. There is a global opportunity to implement cross-border CCS projects based around Russia's geological reservoirs

