

PHOENIX, ARIZONA / Disclosure and News Service / December 27, 2023 / PetroSun, Inc (OTC PINK: PSUD) (the “Company”) announced today a Look-Forward to 2024.

As 2023 draws to an end, the Company is poised to exploit its efforts of the past few years of research, development, project and leasehold acquisitions; and the role that its technology relationships play in the commercialization and cash flow of these assets.

## The Technologies

- Lithium Separation and Processing from Clays or Brine Water
  - Multi-patented technology which separates lithium from clays or brine water at a rate of 98% plus with a final finished product of 99.5% lithium carbonate.
  - The Competitive Advantages of the separation and process technology includes lower overall costs to build and operate, vastly shorter build time, small footprint of plant, ease of set-up and relocation (mobility), scalability dependent on need, chemically free mechanical solution, substantially less water usage, higher daily processing volume, redundancy of operation and a state-of-the-art computer-controlled process system.
- Processing of Oilfield Produced Water or Frac Water
  - Multi-patented separation of residual oil, chemicals, H<sub>2</sub>S and organics from water stream
  - This system will also be utilized in the Lithium Separation and Processing from brine water originating from oil or gas wells or brine saturated subsurface formations, delivering clean brine water into Step 2 (concentration of salt and other minerals) of the lithium processing operation
  - A final step of the oilfield produced brine water or flowback frac water process will be to provide potable water for agriculture, livestock, wildlife or re-use for oilfield water demands for drilling and fracking; thereby by-passing the drawdown from local aquifers intended for human, agricultural or other uses. It can also impact the need to re-inject brine water into saltwater disposal wells which have been linked to an increase in earthquakes.
- Processing of Gas Streams containing Methane, Helium and other Inert Gases
  - A pilot program will be conducted during 2024 on a Company held-project to process the methane rich gas stream containing helium. The anticipated result would be a commercial grade gaseous helium with the remaining gas stream reformed to hydrogen (75% +/-) and graphene (25% +/-).
  - A lab-based research program is being formalized for the distribution and/or storage of the hydrogen produced; with field protocol to follow.
  - An additional application to this process could be the use of the hydrogen in the production of methanol. This is currently being discussed with leading experts within this sector.

- Processing of Toxic Waste Materials
  - Multi-patented technology to remediate toxic waste sites within the United States and globally, including radioactive waste.
  - A review of the Process is currently being conducted by a renowned physicist with an extensive background in nuclear power plants; as part of effort to obtain a license to remediate radioactive waste material.
- Cell Culture Growth in Photobioreactors
  - Pilot programs will be conducted during 2024 to commercialize the patented technologies related to the cell culture growth of specific soy compounds in photobioreactors for the production of a soy biomass for conversion to biofuel (biodiesel or biojet) or plant based protein.
  - Pilot programs will also be conducted utilizing our extensive background in algae. The algae will be grown in photobioreactors for the conversion to biofuel and other high valued commercial products. This particular process can utilize CO2 emissions from power plants or other sources as a feedstock for algal growth; and can be paired with the production of methanol from natural gas that could potentially bypass much of the need for underground sequestration of the CO2 from these sources.
- Helium – Four Corners
  - The Company will continue with its Holbrook Basin Helium Development under the terms of the agreements with the two Operators (JAYD Ventures and Pinta Dome Operating) to develop and commercialize the Company leasehold, private and public, located in the Holbrook Basin.
  - The Company will be issuing a progress report on the Holbrook Basin during January.
- Helium – Golden Eagle
  - The Company is completing plans to drill the 7,900-foot planned lateral line that is anticipated to increase the gas flow and helium concentrations within the existing deep wellbore by early Q2 2024.
  - The Pilot Program mentioned under the Processing of Gas Streams above is planned for the Golden Eagle lateral to be drilled.
- Capital Raise
  - During the past several months, the Company has actively pursued adequate capital to retire all corporate debt and to provide the funding requirements of the technologies and projects identified above. It is anticipated that this will be accomplished in two steps. The initial capital infusion should take place by mid-January 2024 and the balance should become available within 30 days thereafter
  - This capital is being secured without the Company issuing corporate stock, thereby avoiding shareholder dilution with a new issuance.

## About PetroSun

PetroSun, Inc. is a fully integrated energy and mining business focusing on Lithium, Helium, Natural Gas, Oil, Potash, Zeolite Clays, Water Processing, Mine Tailings, Rare Gases, and Rare Earth Metals Processing through the use of cutting-edge technologies, a broad portfolio of assets and leases, and a management team with decades of research, development, and production experience. PetroSun is vertically integrated with control of all aspects of the business from exploration and production to delivery to end users, providing customers direct customized solutions and shareholders maximum returns by participating in profitability at each stage in the supply chain.

PetroSun, Inc. owns significant leasehold acreage that is prospective for helium exploration and production in the Holbrook Basin of Arizona and for natural gas and helium in the Paradox Basin of Utah. The Company holds mineral leases on approximately 280,000 gross acres in the Holbrook Basin and Pedregosa Basin of Arizona and over 26,000 gross acres in the Paradox Basin.

PetroSun's greatest assets are its shareholders, partners, advisors, employees, and its patented and proprietary technologies. We seek to provide global solutions to some of the most critical challenges the world faces today and into the future.

The Company trades on the OTC Pink Sheets under the symbol "PSUD".

### Forward-Looking Statements Disclaimer:

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Act of 1934, as amended. In some cases, you can identify forward-looking statements by the following words: "anticipate", "believe", "continue", "could", "estimate", "expect", "intend", "may", "ongoing", "plan", "potential", "predict", "project", "should", "will", "would", or the negative of these terms or other comparable terminology, although not all forward-looking statements contain these words. Forward-looking statements are not a guarantee of future performance or results and will not necessarily be accurate indications of the times at, or by, which such performance or results will be achieved. Forward-looking statements are based on information available at the time the statements are made and involve known and unknown risks, uncertainty and other factors that may cause our results, levels of activity, performance or achievements to be materially different from the information expressed or implied by the forward-looking statements in this press release. This press release should be considered in light of all filings of the Company that are disclosed on the OTC Market.com website. Contact: PetroSun, Inc. 2999 North 44th Street, Suite 620 Phoenix, Arizona 85018 480-425-4290 Website: [www.petrosun.us](http://www.petrosun.us)