

ABOUT ITRONICS INC.

Itronics Inc. is an emerging ‘Cleantech Materials’ Growth Company that uses proprietary multi-nutrient fertilizer manufacturing technologies to produce GOLD’n GRO Multi-Nutrient Fertilizer, the revolutionary Rock Kleen Technology, and breakthrough ‘Zero Waste Energy Saving Technologies’ to recover fertilizer raw materials, silver bullion, and silver-bearing glass from waste streams that contain silver, gold, copper, zinc, palladium, tin, and other metals. The Company’s goal is to achieve profitable clean technology driven organic growth.

Itronics, which was named one of the first International Green Heroes by an independent international environmental group that recognizes top environmental achievements worldwide, is a cleantech company that utilizes science and engineering to create and commercialize recycling, mineral, and nutrient technologies. Headquartered in Reno, Nevada, Itronics Inc. operates as a holding company with two wholly owned subsidiaries, Itronics Metallurgical, Inc. and Whitney & Whitney, Inc., and a seventy percent owned subsidiary, Auric Gold and Minerals, Inc.

MAJOR GROWTH OPPORTUNITIES

Itronics has 3 lines of business that are scheduled for significant expansion over the next 5 years

- GOLD’n GRO Multi-Nutrient Fertilizer is the company’s major revenue producing business line over the next three years and is scheduled at 26% year on year growth for the next ten years
- The planned growth in printed circuit board refining is 110 times the current capacity which will make Itronics the largest printed circuit board refiner in the U.S. There is currently a critical domestic refining capacity shortage, presenting Itronics with a major growth opportunity in a key underserved market
- Rock Kleen has the potential to be one of the greatest technological breakthroughs in mine waste treatment. Billions of tons of mine tailings are produced every year. Rock Kleen is expected to start generating revenues by 2024 and has the potential to expand to over \$500 million in annual revenue as additional projects are added

ITRONICS FAMILY OF COMPANIES

Itronics Metallurgical Inc.



- IMI manufactures GOLD’n GRO
- Produces Silver bullion
- Performs Company’s R&D

Whitney & Whitney, Inc.



- Provides technical and administrative services for the three companies
- Markets Rock Kleen
- Will operate Rock Kleen processing centers

Auric Gold and Minerals, Inc.



- Controls Auric Fulstone Property
- 2800 acres of BLM claims encompassing 500,000+ tons of Iron mine tailings
- Strong potential for Yerington Copper District sized Gold/Silver enriched polymetallic mineral deposits

PRODUCTS AND SERVICES

GOLD’n GRO Multi-Nutrient Fertilizers

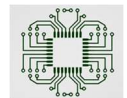
- Exclusive marketing and sales agreement with Nutrien, the world’s largest fertilizer company
- Improves crop quality and yield while replenishing nutrient depleted soil with the nutrients needed for healthy crops

Rock Kleen Technology



- Cleans the rock of any residual cyanide, nitrates, or acids
- Recovers residual metals in the rock, including precious metals, base metals, ferrous metals, mineral nutrients, and industrial minerals

E-Scrap Refining Technology



- Recovers 100% of the metals in printed circuit boards
- Converts the fiberglass to high quality glass

ITRONICS AWARD WINNING CLEAN MATERIALS TECHNOLOGY



“An internal study has concluded that the 'Zero Waste Energy Saving' technologies developed by Itronics meet the requirements to qualify for Greenhouse Gas Energy Offset Credits. Rock Kleen projects alone could generate millions of dollars in Energy Offset Credits for smaller projects, while the potential for long term projects is in the hundreds of millions of dollars”. - Dr. John W. Whitney.

Itronics Inc. and its subsidiaries operate a portfolio of Award Winning ‘Zero Waste Energy Saving’ Clean Technologies and have been recognized for several different awards for its contributions to environmental sustainability.

- 2019 - Itronics awarded EDawn Small Company Sustainability Leadership Award
- 2015 - Itronics awarded EDawn Existing Industry Award - Manufacturing Excellence Award
- 2012 - Itronics named Medium Entrepreneurial Technology Company of the Year by NCET Tech Awards
- 2008 - Itronics named Green Company of the Year by the Nevada’s Center for Entrepreneurship and Technology
- 2007 - Dr. John Whitney named northern Nevada Entrepreneur of the Year—Agriculture/Environment
- 2006 - Itronics named International Green Hero by the Green Organization, London, England
- 2005 - GOLD’n GRO top 10 new technologies representing the best of agricultural innovation by CAAR
- 2005 - Itronics awarded USA Gold at the International Green Apple Environmental Awards, London, England
- 2005 - Itronics awarded second place (IChemE), Worldwide Environmental Awards in London, England
- 2005 - Dr. John Whitney honored as “Scot of the Year” by the Nevada Society of Scottish Clans for his work to recycle photochemicals
- 2001 - Itronics was one of five finalists for the 2001 Kirkpatrick Chemical Engineering Award
- 2000 - Dr. John Whitney was selected as Nevada’s Inventor of the year
- 2000 - Dr. John Whitney Silver Star Award for making significant contribution to northern Nevada’s Truckee Meadows quality of life

MANAGEMENT BIO’S

Dr. John W. Whitney - serving as founder, President, and a Director of Itronics Inc. and its subsidiaries since 1988, received his Ph.D. in Mineral Economics from Pennsylvania State University in 1976, his M.S. in Mineralogy from the University of Nebraska in 1971, and his B.S. in Geology from the University of Nebraska in 1970. Dr. Whitney is an internationally recognized consultant and knowledge expert in the field of Metal and Material Resource Economics. He has presented seminars for various clients on Mining Economics and has taught a three-credit graduate course on International Metal Economics for the University of Arizona's College of Mines. Dr. Whitney was selected as Nevada’s Inventor of the Year for 2000 and became a member of the Inventor’s Hall of Fame at the University of Nevada, Reno.

John L. Key - serving as Vice President of Projects for Whitney & Whitney, Inc. is a successful and innovative mining engineer, operating manager, and chief executive with proven success. His operating experience includes rebuilding and funding a junior gold company and taking the exploration company into production, 20 years of mine management in increasingly diverse situations and lead roles in operating, capital, political, and development. Operations managed include Red Dog, the world’s largest zinc mine, Polaris Mine, 60 km from the magnetic north pole, and an underground lead/zinc mine at Magmont in Missouri. Mr. Key also serves as President and Chief Operating Officer of Auric Gold and Minerals, Inc., a majority owned subsidiary of Itronics.