



## PhosphonicS Advanced Scavenger Evaluation

# Expert screening programme designed to help you develop a business case for investment



### About PhASE

At PhosphonicS we understand that every process or waste stream is different and that finding the best scavenger for your particular needs is not always easy. The PhASE programme has been expertly designed to find the optimum solution for you, before you commit to any significant capital expenditure. Our highly skilled scientists apply their experience to give you both the best possible solution and in the shortest possible time.



### Benefits

- Best scavengers found from a wide range
- Turns expert know how into a practical solution
- Gives all information to build a robust business case



### PhosphonicS Precious Metal Recovery Products

The PhASE program is designed to deliver the most economical solution for value recovery using PhosphonicS patented smartest silica technology. The Phos-series of scavengers shows superior performance compared to standard adsorbents.

- Designed only to recover precious metals
- Highly porous for optimised stream flow
- Stable in both aqueous and organic media
- Larger surface area for higher loadings



# The PhASE program



- Stream
- Scavenger library

- Expertise

- Best scavenger selection
- Process conditions
- Engineering for plant-scale trial

- **PhASE 1-Screening** During PhASE 1 the PhosphonicS library of scavengers is screened to select the silica to give you the greatest value recovery.
- **PhASE 2-Optimisation** In PhASE 2 the thermodynamic and kinetic profiles of the scavenging process are investigated using the scavenger selected from PhASE 1. The data collected is then used to model the parameters for a plant-scale trial.
- **PhASE 3-Lab-scale trial** During PhASE 3 the process conditions calculated in PhASE 2 are tested in the laboratory, giving you total confidence in the results. Following completion of the PhASE programme not only will you have reliable engineering parameters for a plant-scale trial, you will also have all the necessary data for a business case for investment.

Each stage of this programme is invoiced separately, leaving you in control of the process.



## Contact PhosphonicS

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