



**STRUCTURED MATERIALS INDUSTRIES, INCORPORATED**  
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BUILDING A BETTER WORLD THROUGH SCIENCE, UNDERSTANDING AND COMMERCIALIZATION

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## "SBIR and STTR Teaming / Collaboration Opportunity"

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**It is SBIR and STTR time again:**

**NASA SBIR/STTR's are due January 20<sup>th</sup>, 2017**

**DoE SBIR/STTR's are due February 6<sup>th</sup>, 2017**

**DoD SBIR/STTR's are due February 8<sup>th</sup>, 2017**

Structured Materials Industries, Inc. (SMI) is a long term recipient of SBIRs and STTRs and a long term supporter and incubator of SBIR and STTR awarded companies – providing facilities, insights and expertise. SMI Supports customers and collaborators not only with tool building capabilities but also with process development using its in-house *Applications Laboratory* with more than 10 deposition reactors in operation on site.

SMI predominantly provides custom, pilot and at times production MOCVD, CVD, ALD, and FB-CVD tools, components, and services to University, Commercial, and Government researchers and producers. SMI has led SBIR/STTR efforts to further it's technologies

and its customer and collaborators technologies; as a result (i) SMI has spun out a few companies over the years with its partners and collaborators, (ii) SMI has incubated and helped form other companies – typically built upon University conceived technologies, and (iii) SMI has incubated multiple independent companies – typically venture funded groups that are putting their funds into producing results before buying significant equipment portfolios. SMI has also participated and supported other organizations in the self or government funded programs.

We are constantly looking for new and expanding partnerships and collaborations whether for SBIR/STTR programs or in support of customer driven development efforts – please consider SMI for helping with your program/development needs.

Please contact us to see how we may help you:

[SALES@StructuredMaterial.com](mailto:SALES@StructuredMaterial.com) or call:

Dr. Gary S. Tompa or Mr. Gary Provost

732 302 9274

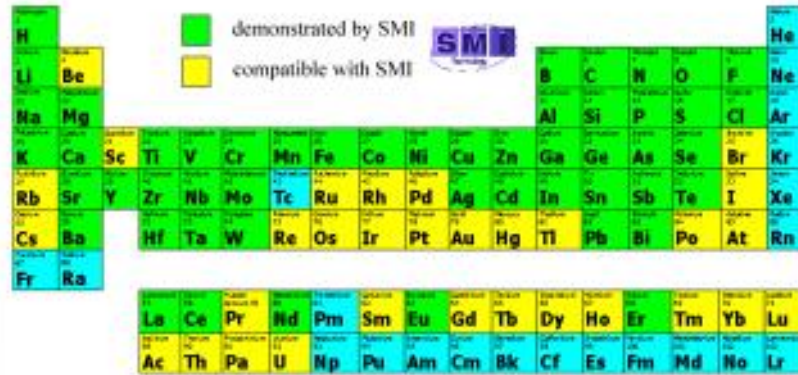
[www.SMICVD.com](http://www.SMICVD.com)

## SMI PROVIDES COMPLETE SOLUTIONS

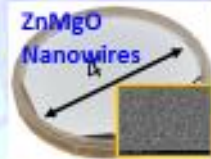


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SMI provides complete custom and standard thin film deposition tool, component and process solutions – from design to turn-on. Services include providing components as well as refurbishing existing tools or converting them from one material system to another. SMI works with its customers to meet its customer's needs.



Legend:  
Green: demonstrated by SMI  
Yellow: compatible with SMI



**GeS GeSbTe TCO AlGaN BST  
BN LiNbO GaO Superconductor  
CNTs Graphene Diamond PZT  
SBT III-Vs II-VIs SiC Diamond  
LiFeCo ZnMgO Nanowires Etc.**

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SMI provides a wide and versatile range of materials capabilities, in-house deposition tools, and experiences to support customer needs.



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>50 Tools Fielded



Vertical



2400C



Oxides



High Pressure



VLSI



Tape



III-V



0.9 meter

ALD



FB - CVD



Horizontal



Nitrides /  
Carbides



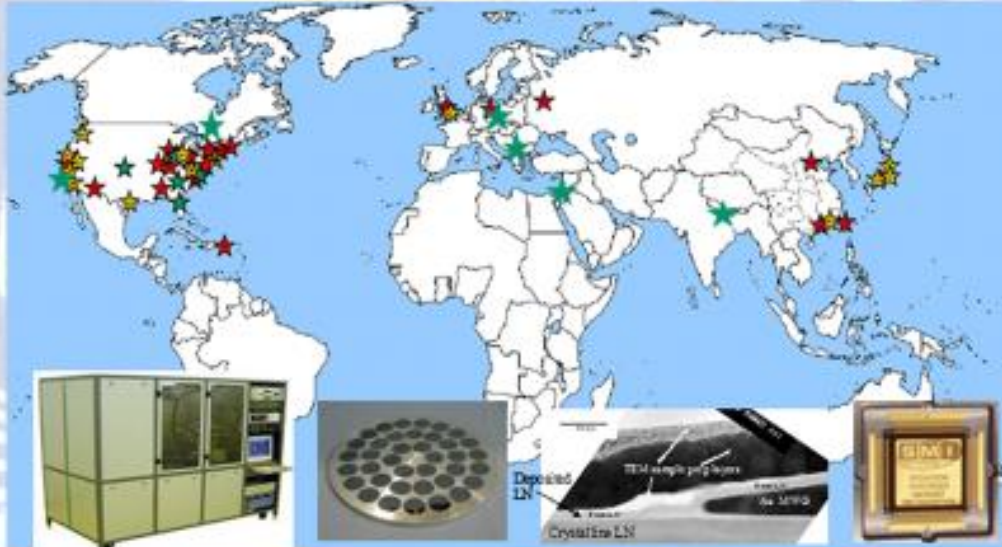
Rebuilds &  
Conversions

Diamond -- Annealing -- Components -- Design Services -- Contract Research: Commercial & Government

[www.SMICVD.com](http://www.SMICVD.com)

SMI has over 50 custom built fielded thin film deposition tools spanning a wide range of materials and process parameters. SMI works with its customers to meet its customer's needs.

## SMI an International Commitment to Customer Excellence



[www.SMICVD.com](http://www.SMICVD.com)

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SMI works with its customers to worldwide – providing materials, hardware and device assistance.