

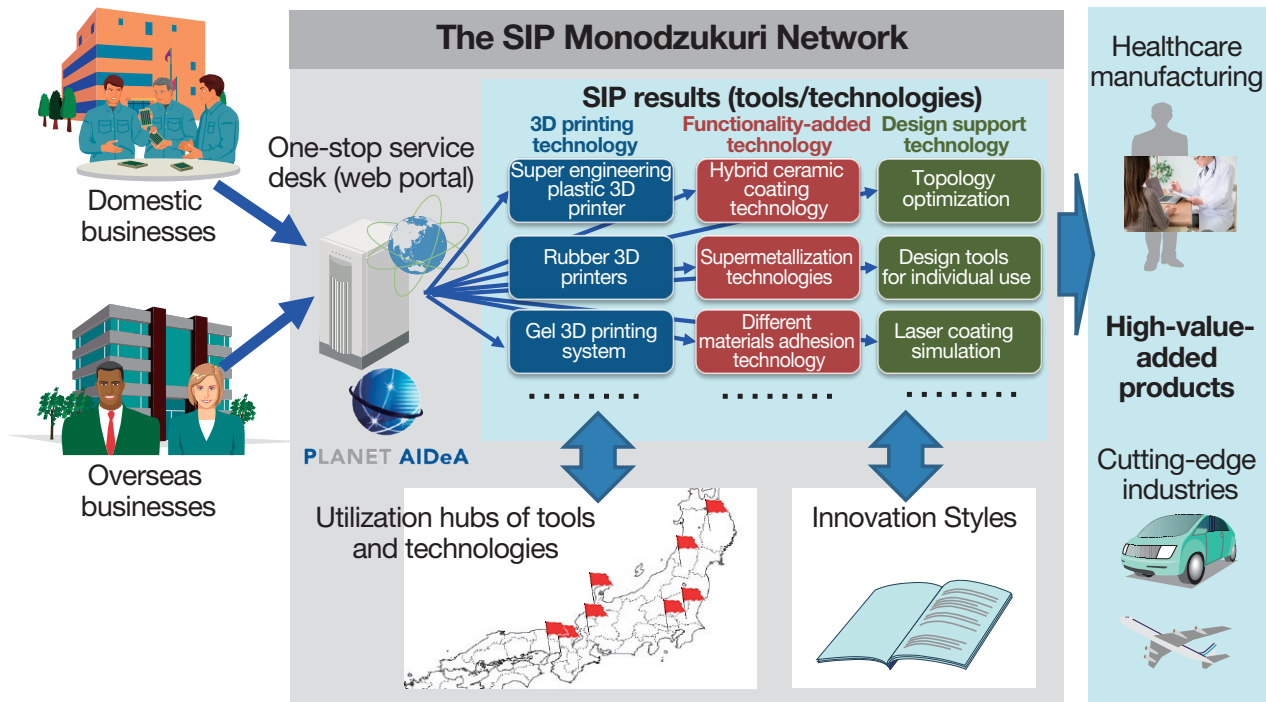
## Innovative Design / Manufacturing Technologies

# The SIP Monozukuri Network for One-stop Access to SIP Results (Tools/Technologies and Their Utilization Hubs)

### About this Project

#### ■ Providing useful technology information to technicians and researchers working in manufacturing

We are providing the SIP Monozukuri Network so that both domestic and international industries can get one-stop access to SIP results such as tools, technologies, and places they are utilized. Starting with our one-stop web portal, we continue to provide strong tools and technologies even after SIP has been completed. The web portal lists utilization hubs for tools and technologies (characteristics and types of usage, contact info) as well as Innovation Styles by research topic (industry-academia-government collaborative R&D processes), enabling its use as a guide in planning how to implement technology in industry-academia-government collaborations. The portal will also link to the needs/seeds matching platform PLANET AIDeA, developed using SIP.



Concept diagram of the SIP Monozukuri Network

### Test Uses / Application Examples



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# Research Achievements

## ■One-stop web portal structure

- ① Tools/technologies information: provides information on over 30 tools/technologies, including 3D printers, manufacturing facilities, and design tools
- ② Information on places they are used: provides information on 8 bases including AIST and public testing institutions
- ③ Innovation Styles: provides information on R&D processes and success factors in 12 research topics
- ④ Needs/seeds matching platform PLANET AIDeA: an open innovation platform that matches technology searchers with providers



One-stop web portal structure

Tools/technologies information  
(laser coating used as an example)

## Future Outlook

It is our goal that, through SIP Monodzukuri Network, we can not only drive the use of successful tools and technologies in the industrial world forward, but through their continued use these successful tools and technologies will be polished even further, leading to a virtuous cycle that will bring about even better tools and technologies.



Utilization Hubs

Program Name : Innovative Design/Manufacturing Technologies  
 Enacting Institution : Cabinet Office(Managing Agency : NEDO) <http://www.sip-monozukuri.jp/>