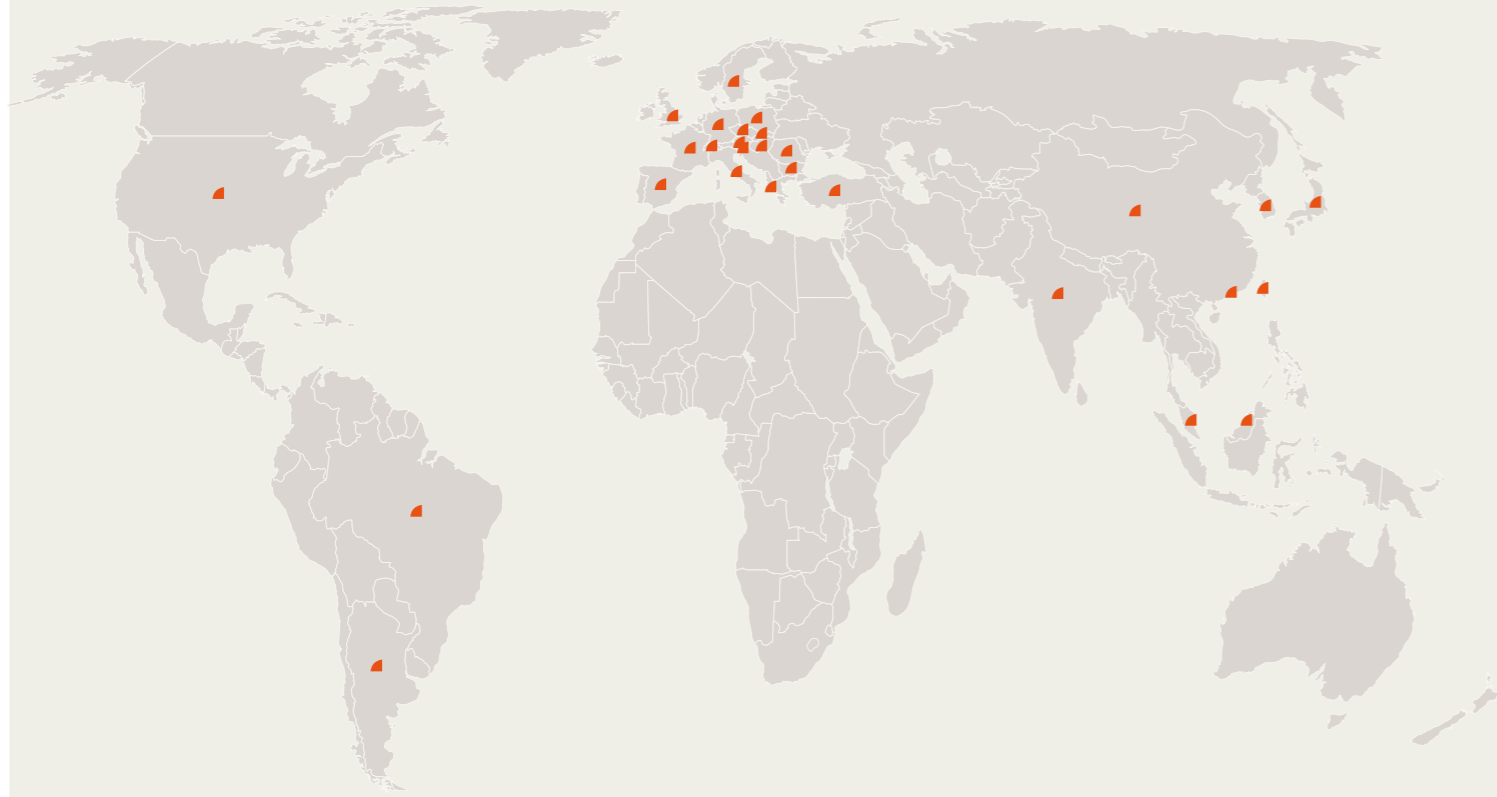


Your needs can be addressed  
from one of our many offices throughout the world



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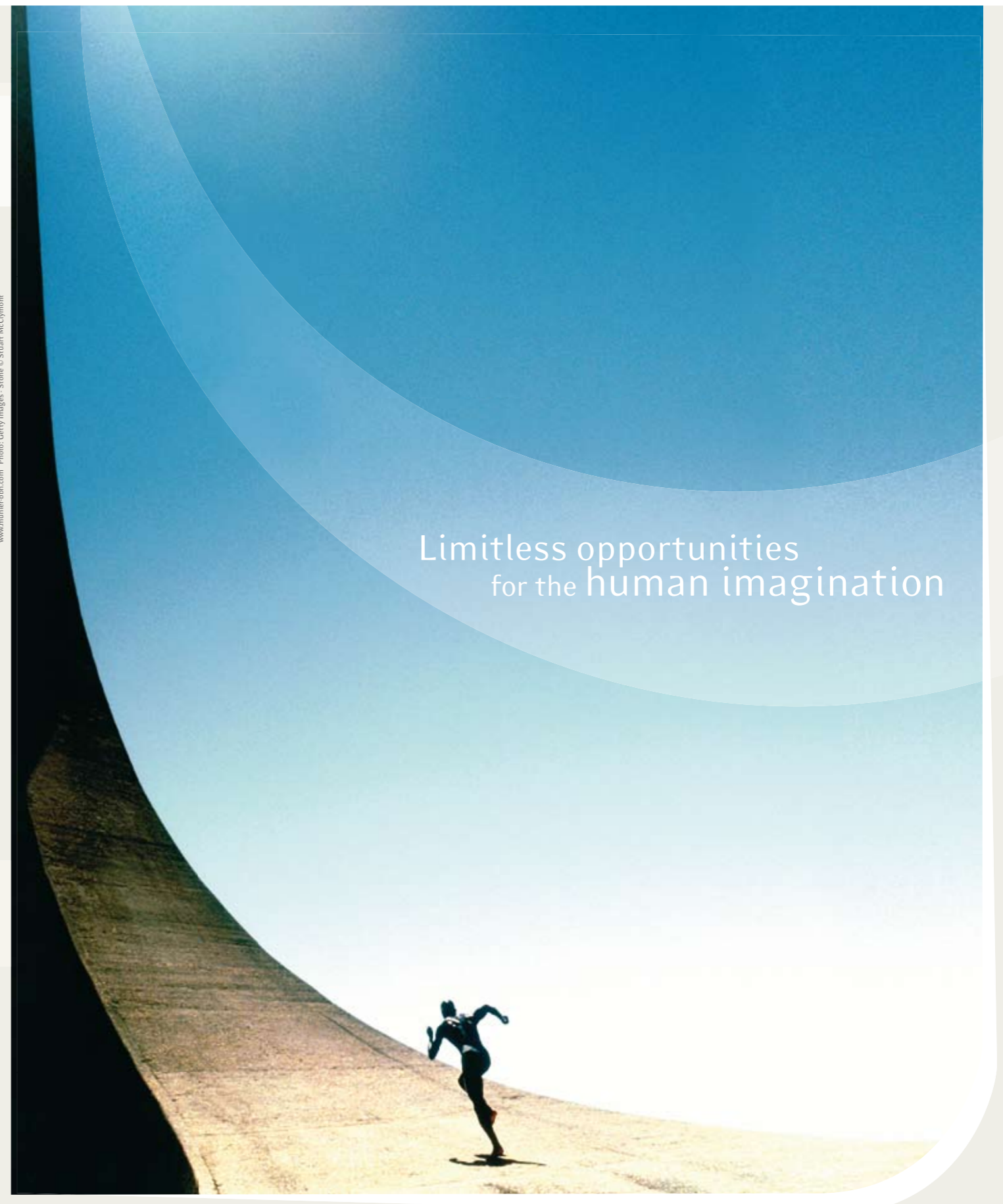
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|-----------|-------------|--------|---------|----------------|-------------|----------------|
| Germany   | Bulgaria    | Spain  | Hungary | Malaysia       | Slovakia    | Czech Republic |
| Argentina | China       | USA    | India   | Poland         | Slovenia    | Turkey         |
| Austria   | Hong-Kong   | France | Italy   | Romania        | Sweden      | Taiwan         |
| Brazil    | South Korea | Greece | Japan   | United-Kingdom | Switzerland |                |

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## 3 worldwide market leaders join forces and share the same vision:

ArcelorMittal Stainless & Nickel Alloys, Auerhammer Metallwerk and Shivalik Bimetal Controls have combined their respective strengths and experience to bring to the industrial clad market an unprecedented breadth and depth of material expertise in all areas: knowledge of end-user applications, worldwide reputation in R&D, technical support, world class manufacturing in cladding of our 3 existing sites, an unique and dedicated sales network covering 30 countries.

## Creating value through innovation

The quest for high quality, optimised design, enhanced properties, short delivery time at competitive cost has become the leitmotiv of leading customers. This unique and innovative combination of 3 leaders puts ICS in a strong position to understand customer needs and to be proactive with value creating solutions. Our goal will be to help customers to maintain and to develop leadership in their field.

## Designing and manufacturing competitive solutions tailored for customers, leaders in their field

We share the vision that prices of sophisticated raw materials will continue to increase. Our tailored clad innovative solutions will provide industry leaders with a winning technical and economical advantage. Sophisticated cladding technology combined with an optimised choice of materials is the best solution for the future. Promising developments with pioneering material combinations and highly precise properties will enable ICS to offer a broader spectrum of products and solutions to demanding market needs



### Heat Exchanger

For heat exchangers manufacturers, the clad materials offer a cost effective solution for use in variety of self-brazing applications. In such applications, these composite materials are formed and assembled in a manner that allows for the base material to become a structural or functional component in a heat exchanger assembly. These clad materials simplify greatly the manufacturing of the heat exchanger.

### Cable Shielding

These shielding materials consist of a core material made out of Stainless Steel or Carbon Steel or high strength low alloy Steel solid state diffusion bonded with Copper or Aluminum on both sides, which have properties ideally suited for the telephone wire and cable environment. These clad shielding materials are good cost effective replacements for Copper, Bronze or coated Aluminum shields in the industry offering both excellent attenuations and mechanical properties required by these applications.

### Battery

The button cell batteries are the primary type of battery, which provides the power source for small electronic devices, watches, hearing aids, calculators and cameras. The clad materials are being used as cans and cups in the manufacturing of the button cells. Our production fulfills the highest standard in terms of thickness tolerance and surface quality required by this application. The primary applications of the clad materials are in Zinc Oxide Batteries, Silver Oxide Batteries, and Lithium Batteries.

### Cookware

Various combinations of material systems are being produced, which get used in the manufacturing of stovetop utensils. The material systems include Aluminum/Stainless Steel, Copper/Aluminum, etc. The good selection of raw material and thickness ratios will fulfill the requirements in terms of thermal conductivity and magnetic permeability to serve all kinds of cooking technologies.

### Copper/Invar/Copper Product for Electronic Substrate Materials

This clad product is primarily used in the printed circuit boards (rigid as well as flex) and in heat sinks for high reliability applications. The primary market is avionic circuit boards, both commercial and military applications.

### Coinage

With our cladding technology, various configurations of coinage materials are being produced, which are used in different parts of the world. The ratio of the outer clad layer can be varied from 2% to 30%.

### Bearing Products

Our clad bearing products consisting different configurations of Copper or its alloys as outer layers combined with high strength Steel as inner layer provide excellent wear properties and strength applicable to many bearing applications.

and other unlimited applications...

## Different options and combinations



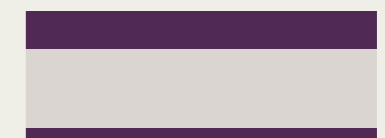
ONE SIDE CLADDING



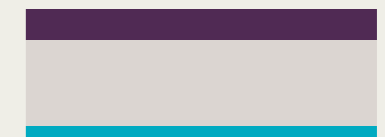
TWO SIDES CLADDING



DIFFERENT LAYER MATERIALS



DIFFERENT LAYER THICKNESS



DIFFERENT LAYER THICKNESS  
AND MATERIALS