

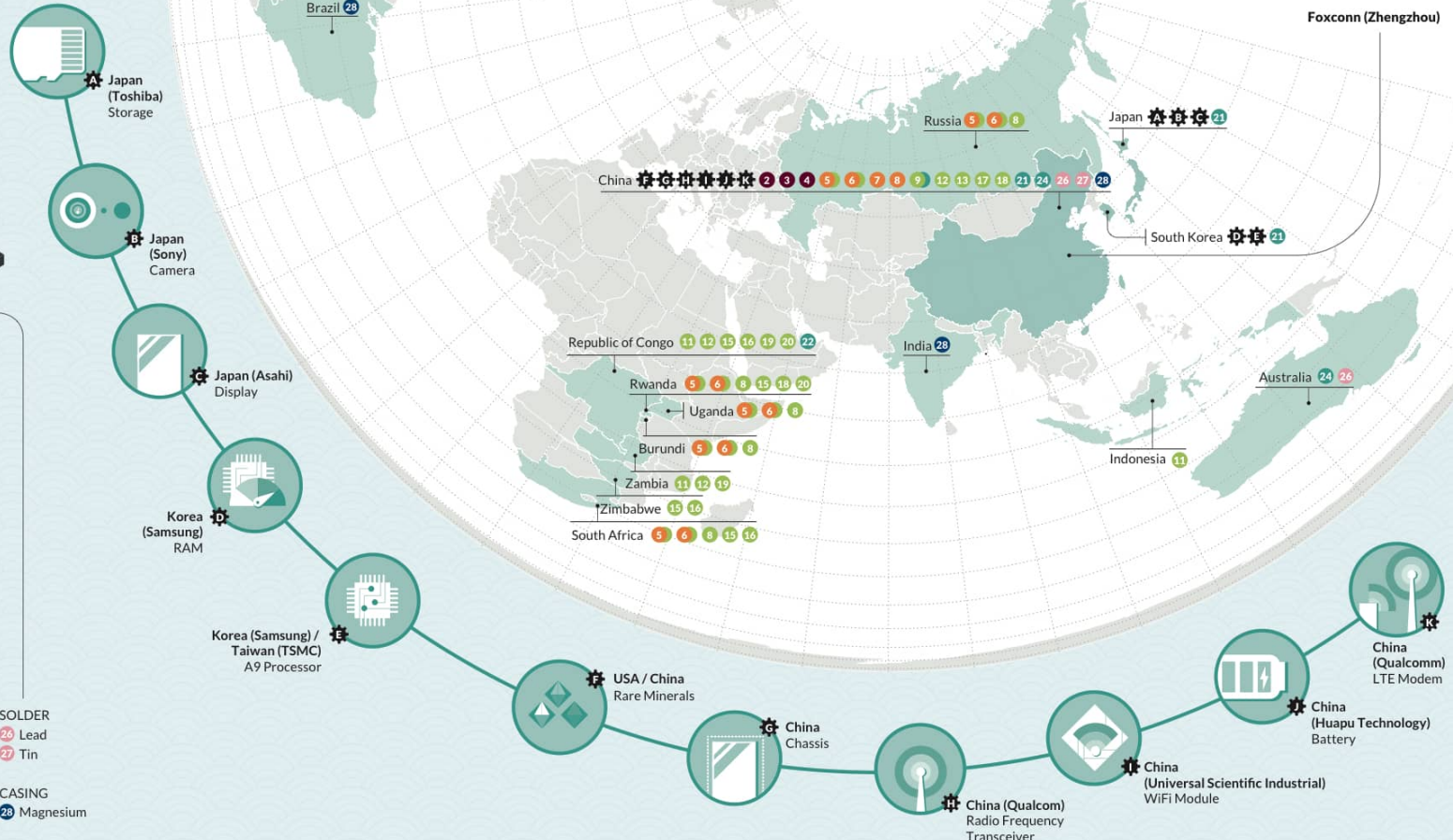
# THE BIRTH OF A SMARTPHONE

The raw materials used in smartphones come from all over the globe. But the hundreds of components that make up the phones are mostly manufactured in Asia where the finished products are also mostly assembled.

## RAW MATERIALS IN SMARTPHONES

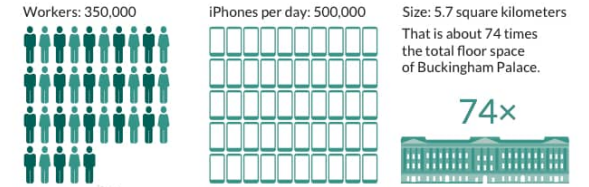
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|---------------|--|
| <b>SCREEN</b> | <b>AMPLIFIERS, VIBRATORS, RECEIVER</b> |
| 1 Aluminum    | 5 Arsenic                              |
| 2 Indium      | 6 Gallium                              |
| 3 Silicon     | 7 Neodymium                            |
| 4 Tin         | 8 Tungsten                             |
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- |                         |                |               |
|-------------------------|----------------|---------------|
| <b>ELECTRICAL UNITS</b> | <b>BATTERY</b> | <b>SOLDER</b> |
| 5 Arsenic               | 9 Antimony     | 26 Lead       |
| 6 Gallium               | 21 Cadmium     | 27 Tin        |
| 9 Antimony              | 22 Cobalt      |               |
| 10 Boron                | 23 Colt        | <b>CASING</b> |
| 11 Copper               | 24 Lithium     | 28 Magnesium  |
| 12 Gold                 | 25 Manganese   |               |
| 13 Indium               |                |               |
| 14 Phosphorus           |                |               |
| 15 Platinum             |                |               |
| 16 Palladium            |                |               |
| 17 Petroleum            |                |               |
| 18 Silver               |                |               |
| 19 Silver               |                |               |
| 20 Tantalum             |                |               |

## WHERE THE PARTS OF AN IPHONE ARE FROM



## WHERE THE IPHONES ARE ASSEMBLED

The components for iPhones manufactured all around the world are ultimately sent to just two companies which assemble iPods, iPhones and iPads: Foxconn and Pegatron, both Taiwanese companies with assembly lines in mainland China. About half of all iPhones are assembled in a huge manufacturing facility in the central Chinese city of Zhengzhou.



Foxconn (Zhengzhou)