

# Europe Atomic Layer Deposition (ALD) Market 2021-2031 by Product Type (Thermal, Metal, Plasma, Catalytic, Others), Application (Semiconductors, Electronics, Solar Devices, Medical Equipment, Others), and Country: Trend Forecast and Growth Opportunity

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## **Abstracts**

Europe atomic layer deposition (ALD) market was valued at \$ 609.9 million in 2021 and will grow by 13.0% annually over 2021-2031, driven by the increasing demand for 3D NAND storage, the widespread adoption of ALD equipment across various industries, the increasing need for flexible tools to improve functionality and offer higher accuracy, and an escalating demand for miniature & complex parts.

Highlighted with 23 tables and 36 figures, this 92-page report "Europe Atomic Layer Deposition (ALD) Market 2021-2031 by Product Type (Thermal, Metal, Plasma, Catalytic, Others), Application (Semiconductors, Electronics, Solar Devices, Medical Equipment, Others), and Country: Trend Forecast and Growth Opportunity" is based on comprehensive research of the entire Europe atomic layer deposition (ALD) market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2019-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following



| aspects:   |  |  |  |
|--|--|--|--|
| Market Structure   |  |  |  |
| Growth Drivers   |  |  |  |
| Restraints and Challenges  |  |  |  |
| Emerging Product Trends & Market Opportunities   |  |  |  |
| Porter's Fiver Forces  |  |  |  |
| The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Europe atomic layer deposition (ALD) market in every aspect of the classification from perspectives of Product Type, Application, and Country. |  |  |  |
| Based on Product Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.   |  |  |  |
| Thermal ALD  |  |  |  |
| Metal ALD  |  |  |  |
| Plasma Enhanced ALD (PEALD)  |  |  |  |
| Catalytic ALD  |  |  |  |
| Other Product Types  |  |  |  |
| By Application, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.  Semiconductors  |  |  |  |
|  |  |  |  |

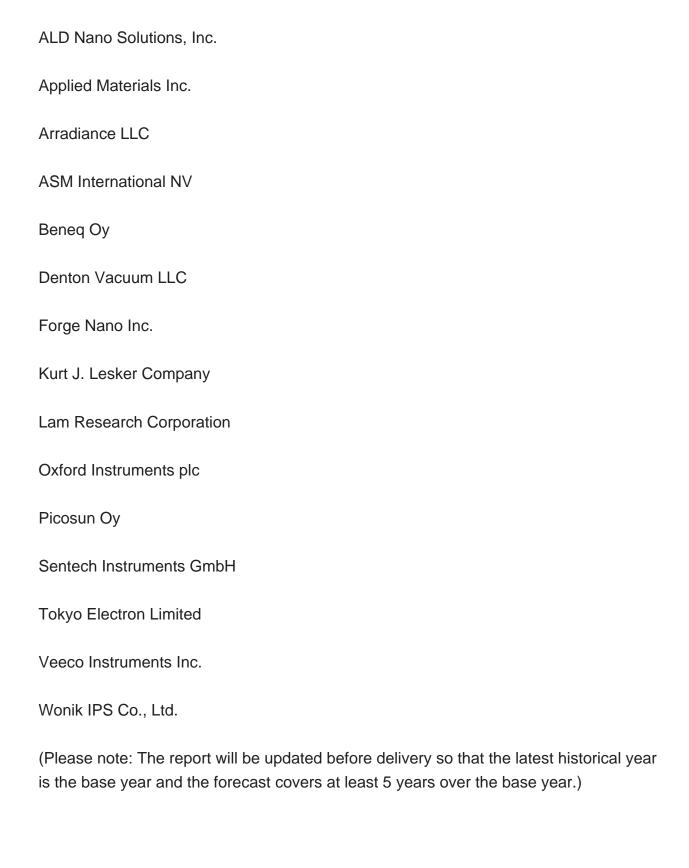
Electronics



| Solar Devices   |  |
|---|--|
| Medical Equipment   |  |
| Other Applications  |  |
| Geographically, the following national/local markets are fully investigated:  |  |
| Germany   |  |
| UK  |  |
| France  |  |
| Spain   |  |
| Italy   |  |
| Netherlands   |  |
| Rest of Europe (further segmented into Russia, Switzerland Poland, Sweden, Belgium, Austria, Ireland, Norway, Denma and Finland)  |  |
| For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Product Type and Application over the forecast years are also included. |  |
| The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.  |  |
| Selected Key Players:   |  |
| Adeka Corporation   |  |

Aixtron SE







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Adeka Corporation

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ALD Nano Solutions, Inc.

Applied Materials Inc.

Arradiance LLC

ASM International NV

Beneq Oy

**Denton Vacuum LLC** 

Forge Nano Inc.

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Lam Research Corporation

Oxford Instruments plc

Picosun Oy

Sentech Instruments GmbH

Tokyo Electron Limited

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