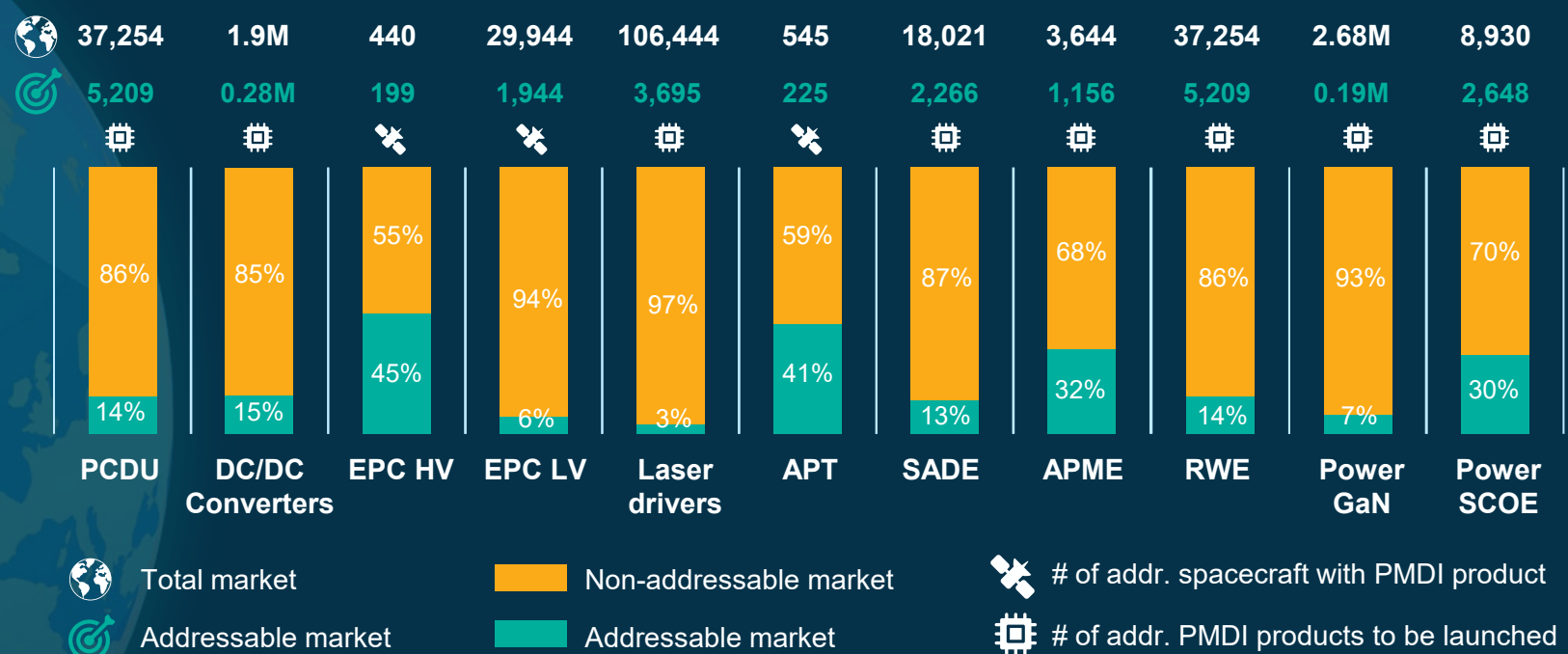


# Addressable Market for European PMDI Technologies

2024-2033, PMDI: Power Management and Distribution

Total PMDI market of which addressable market, per PMDI product (2024 – 2033)









**5,209 addressable PCDUs over 2024-2033**  
 4,232 (81%) addressable PCDUs on smallsats (<500kg)  
 of which 2,704 (52%) PCDUs on <50kg smallsats

**0.28M addressable DC/DC Converters**  
 73% to be launched on Commercial spacecraft, 14% to be launched on Government missions (Civil & Defense)

**0.19M address. Power GaN components**  
 Driven by Telecom satellites (55%), followed by EO and IOD/IOV satellites (21% and 7% respectively)

**4,564 addressable PPU's over 2024-2033**  
 71% of addressable PPU's for constellation missions  
 29% of addressable PPU's for single satellite missions

 Total market       Non-addressable market       # of addr. spacecraft with PMDI product  
 Addressable market       Addressable market       # of addr. PMDI products to be launched

## Key Take-Aways

- Among the PMDI products studied, PCDUs are the most expensive on average. Efforts are being made to standardise their interfaces and lower costs.
- Aside the three products quantified in number of spacecraft, 491,008 PMDI products will be addressable by European suppliers over 2024-2033. Power GaN (0.19M) components and DC/DC Converters (0.28M) drive the numbers.
- The addressability share of PMDI products fluctuates between 3% and 45% depending on products. Those driven by large single satellite missions demand are more addressable, while products for constellations tend to be less addressable.
- Significant upside for EU/Canada suppliers should they succeed in addressing the large shares of non-addressable PMDI product demand (e.g., U.S., China, etc.).