



Regional collaboration based on data exchange.

The idea of a fully digitalized National Key Clusters in Poland.



National Key Clusters in numbers

- In Poland we have more than 100 Clusters
(84 of them we have verified in 2024)
- 20 of them are considered **National Key Clusters (NKC)**
- We estimate that **10% of Polish Enterprises** are associated in Clusters
- Polish government supports these institutions

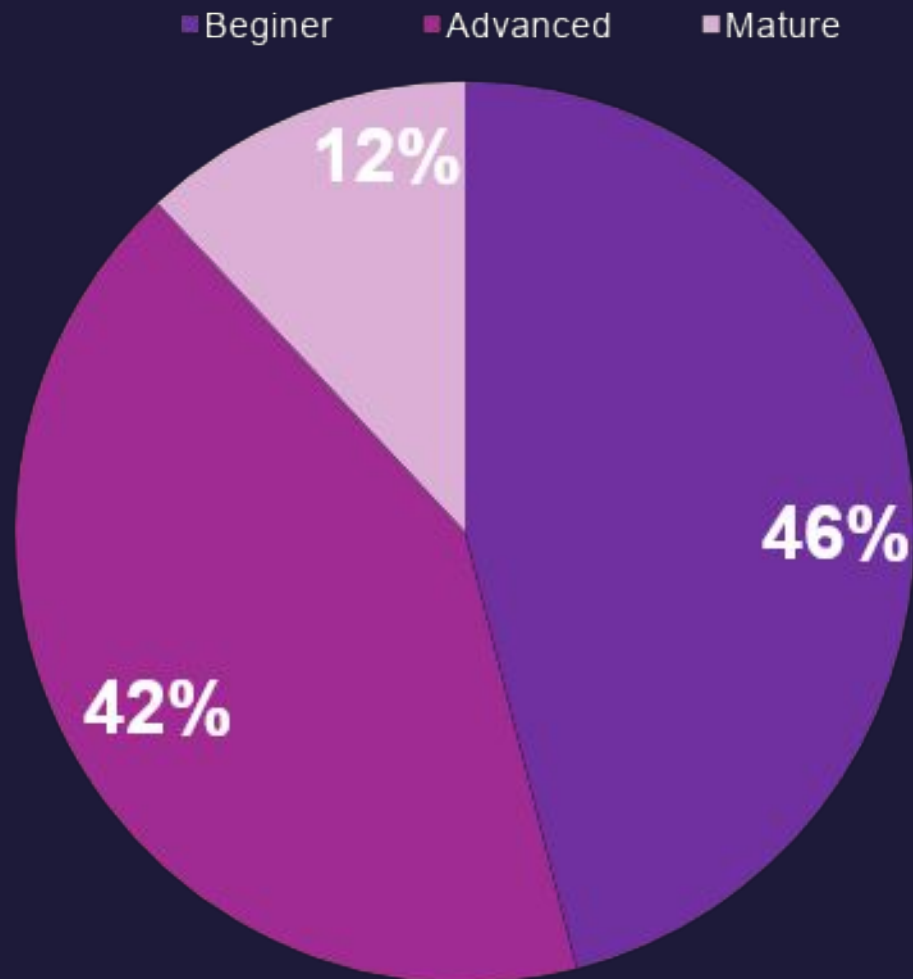


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National key clusters

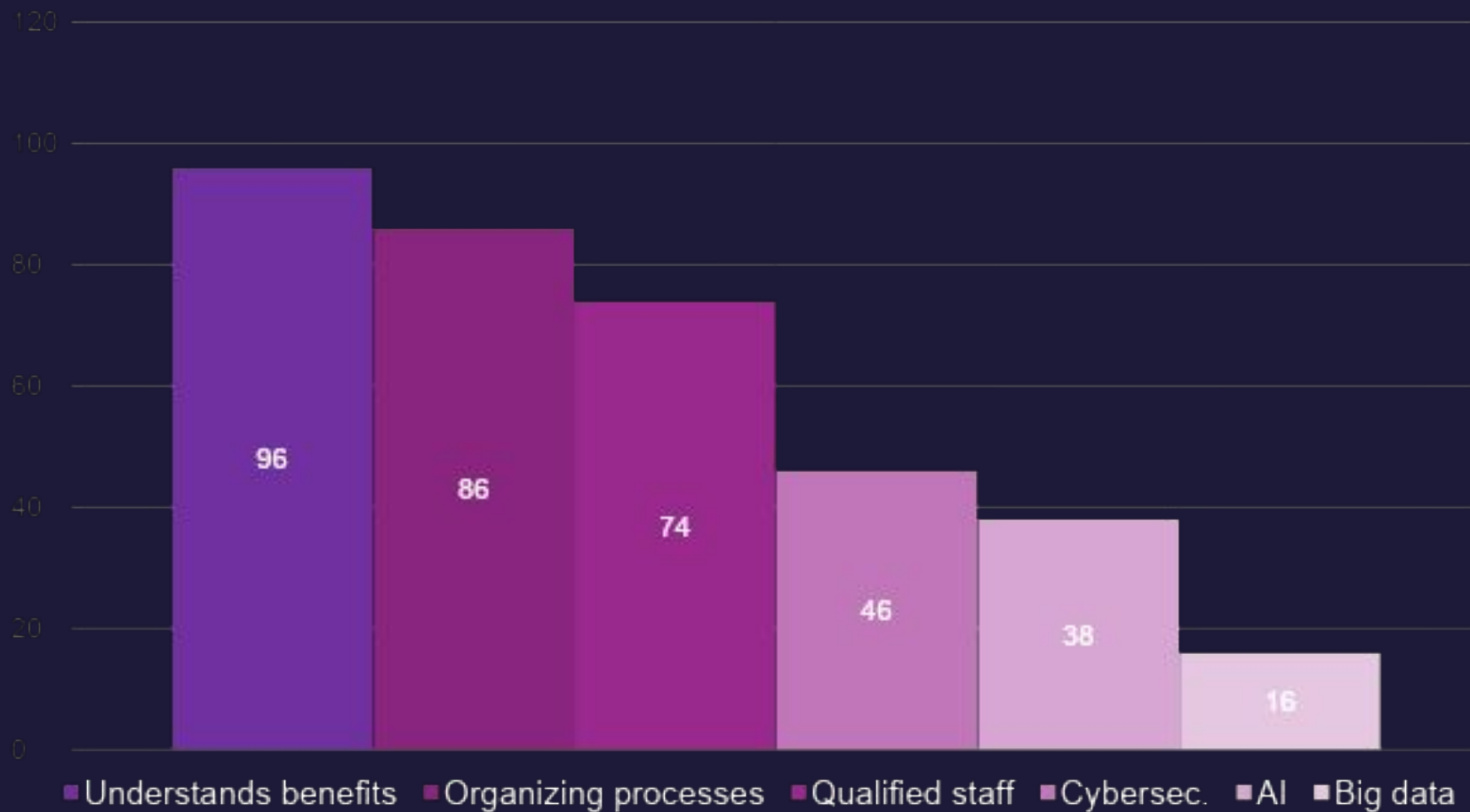
Report indicates the readiness of Polish clusters in **digitalization**:





National key clusters

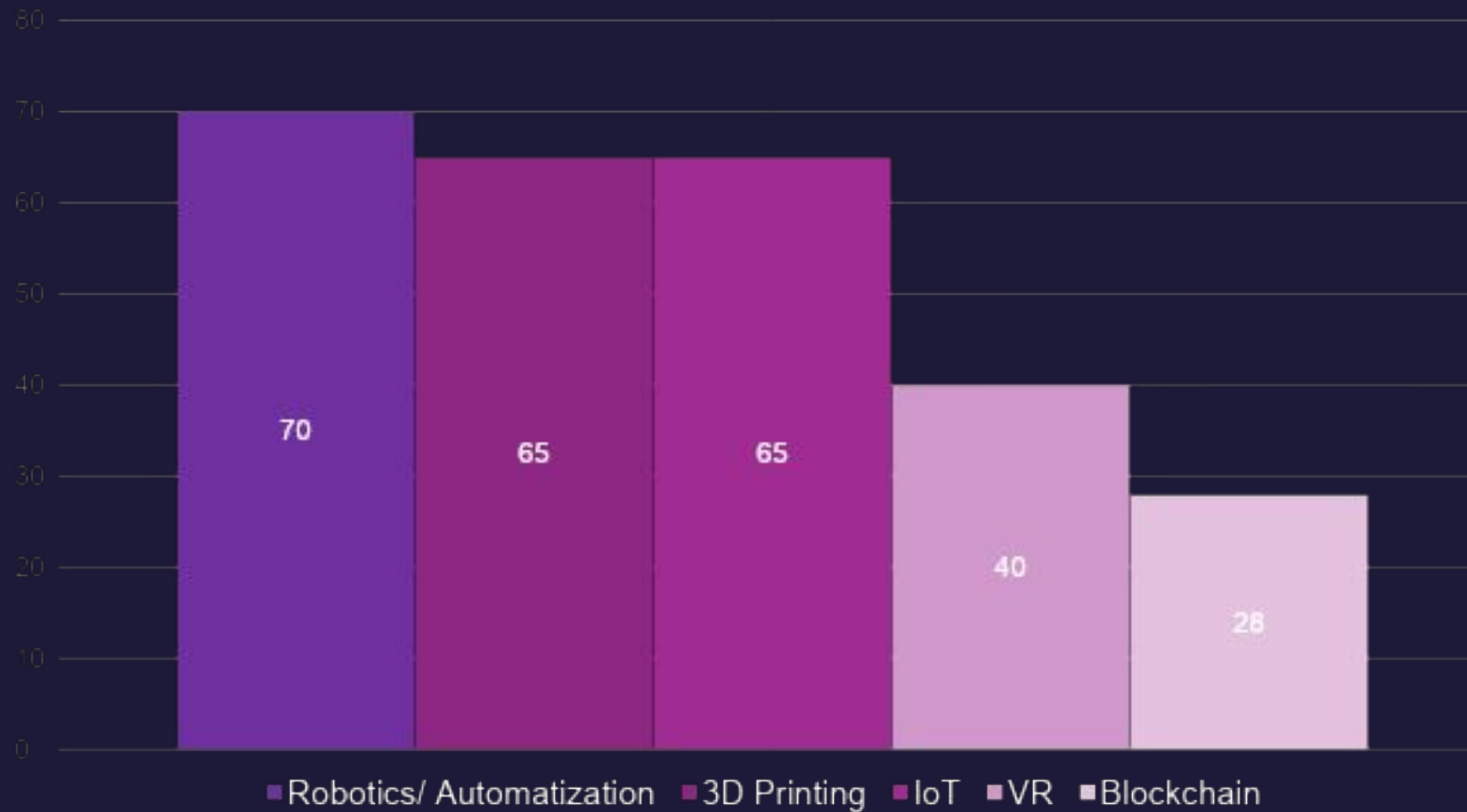
Report indicates the readiness of Polish clusters in **use of digital technologies**:





National key clusters

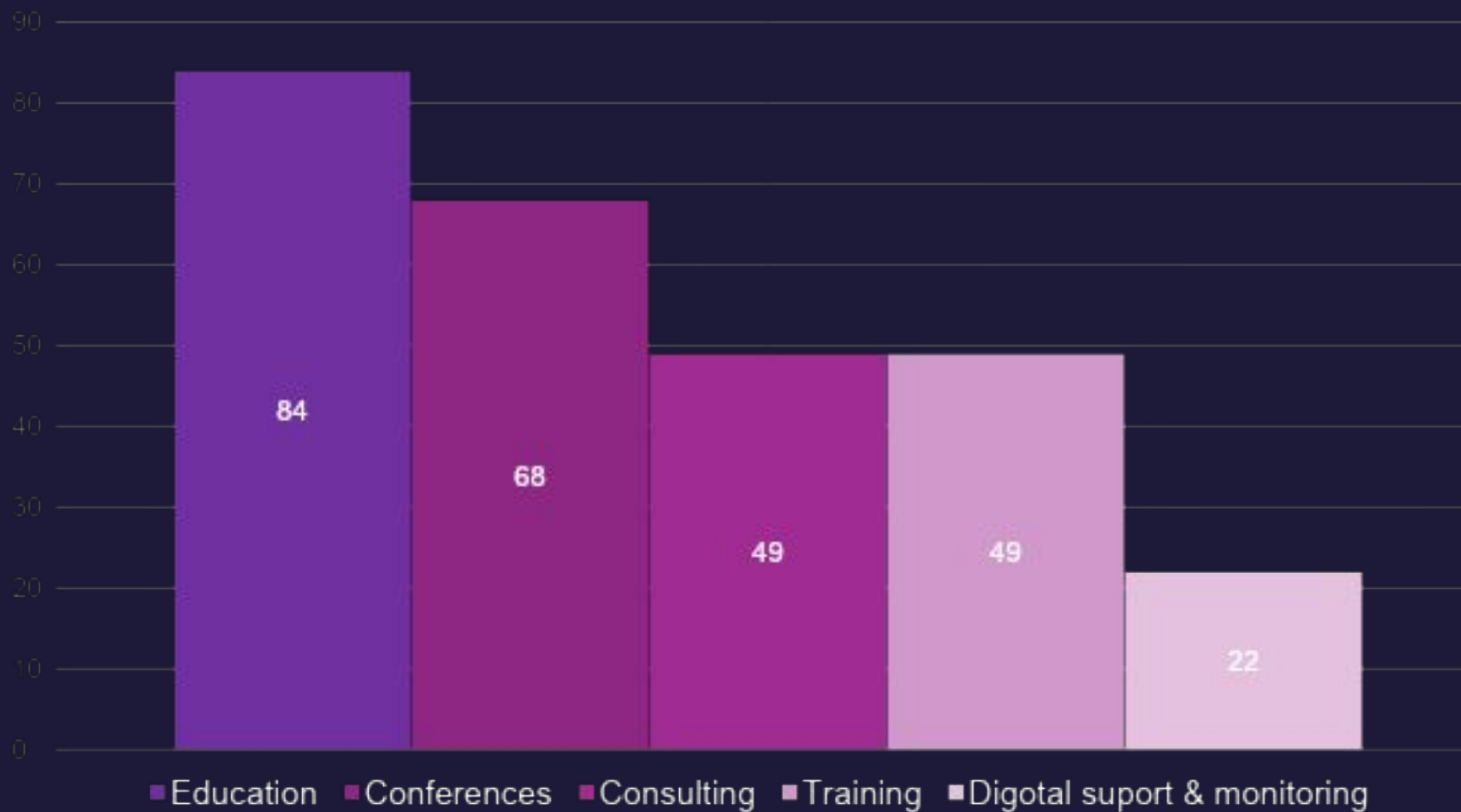
Report indicates the readiness of Polish clusters in use of digital technologies:





National key clusters

The most important supportive activities undertaken by Polish clusters:





Conclusions

- Clusters in Poland have a high level of trust,
- Clusters associate Technology Parks and Universities
- They have a potential great impact on enterprises,
- Clusters Focus on education % cross-linking,
- **They don't have proper tools for deep collaboration.**



Possibilities of data exchange

Imagine a data based, technical, resource and knowledge exchange **Platform** for clusters to support real low-level collaboration in the Enterprises are associated.

A internal IT systems which aggregates selected information e.g.: free time of machines, free storage space, free IT teams/ information about supplies etc.

The shared data is fully controlled by its owners.





Case studie - Nutibiomed

Nutribiomed is a great example of a National Key Cluster that supports low level collaboration. Several SME companies of this Cluster founded a IT shared services center to maximize the economic and technical effectiveness of there IT staff.





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Thank you for your attention