

Rapid Innovation with Chinese

Characteristics:

National Defense Science and Technology Innovation Rapid
Response Teams

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Adversary Informed Prioritization

What technologies and applications does China prioritize **for great power competition?**

For which of those technologies does Beijing rely on the **civilian sector?**

Which actors in the Chinese system are most critical **for the process?**

In the Open Source: China's Rapid Response Teams



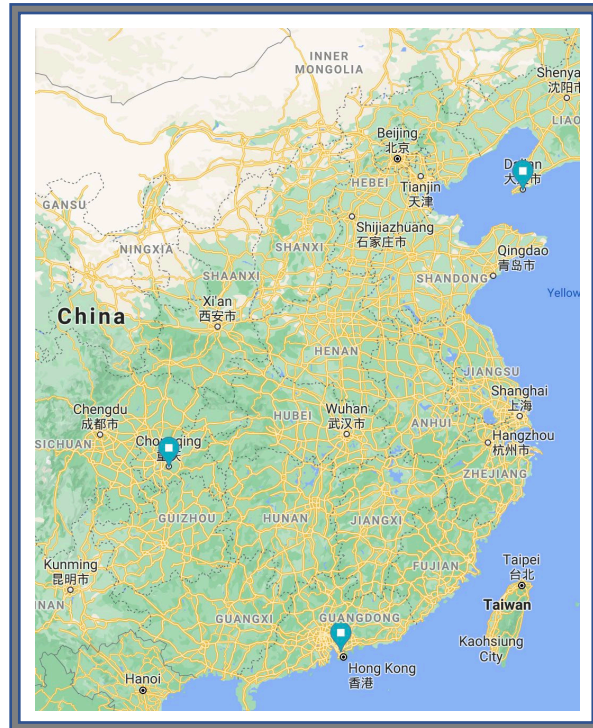
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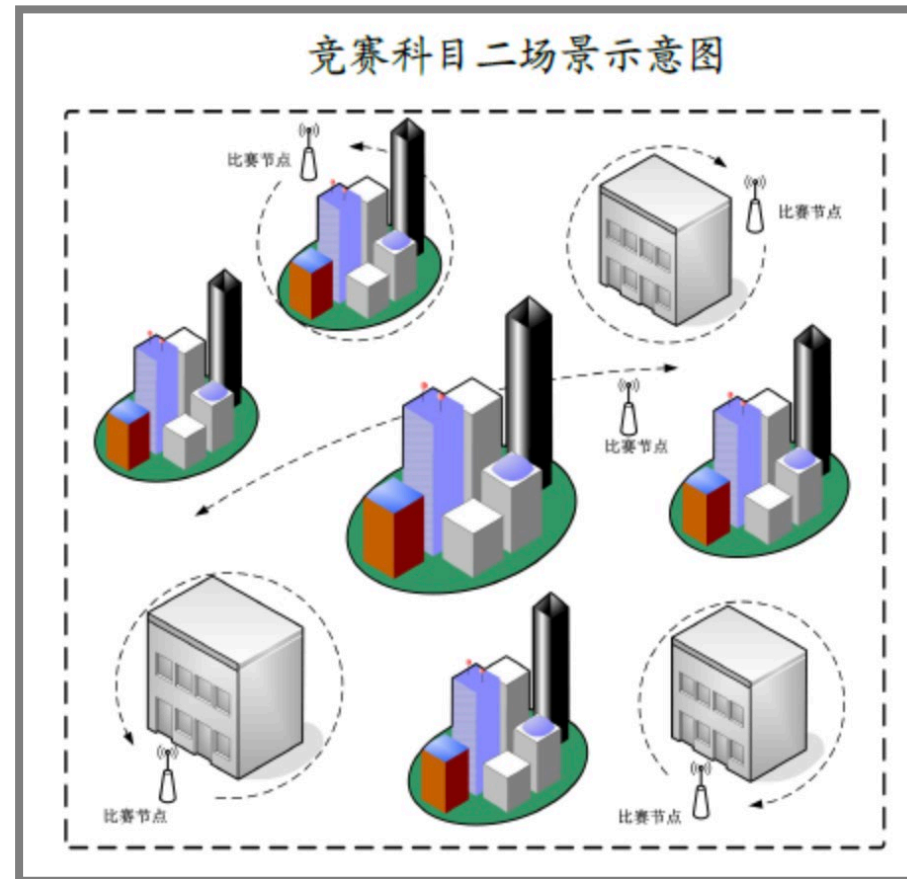
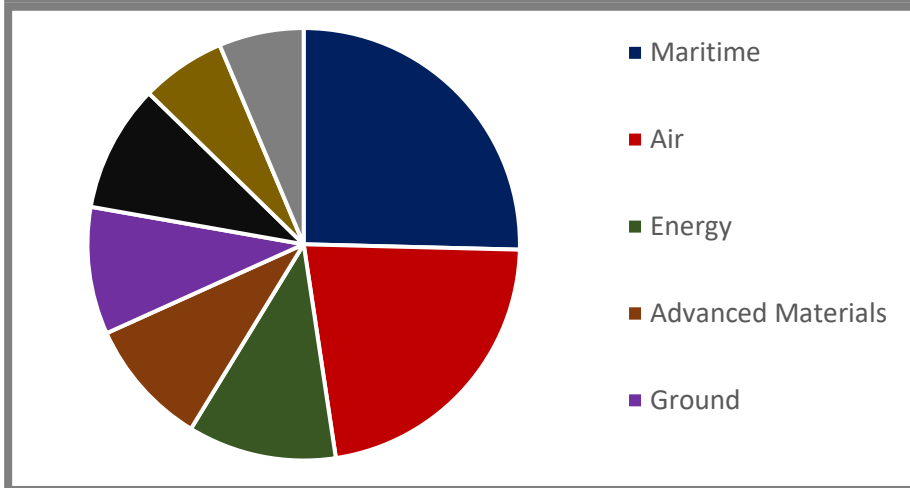
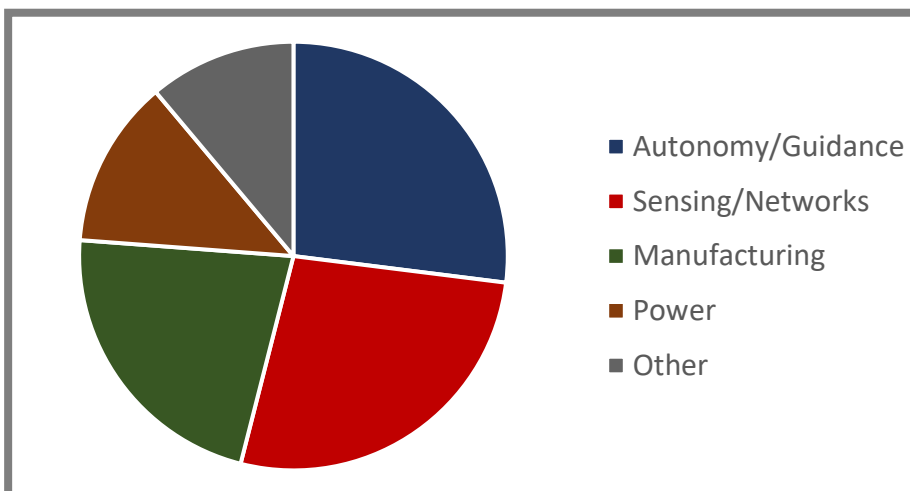
“Link advanced commercial technologies and products to national defense capabilities... Their main task is to pay close attention to advanced commercial technologies, concepts, and models; discover and quickly respond to commercial technologies and products with military application potential; and link frontiers of military and commercial innovation.”

-“Introduction to the Rapid Response Team” (2018)

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Rapid Innovation with Chinese Characteristics

57 rapid response technology requests and 6 rapid response team challenges



Conclusion

- Beijing's MCF innovation ecosystem prioritizes information technology, broadly.
- More specifically, priority areas for military and commercial fusion within the rapid response projects are: autonomous systems (e.g., UAVs, UUVs), sensing and network technologies to dock into and connect them, and information aggregation and analysis.
- Advanced algorithms and software development do not feature prominently.
- The MCF innovation ecosystem relies on participation and support from a wide range of players: Local governments, military organs, State-owned defense industry conglomerates, private companies, State and military research institutes, universities.

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