Make sure to choose a company with enough information available to support a semester-long research project

* OnSemi
* INL? (they mentioned govt things are more difficult)
* A public university?

|  |  |  |
| --- | --- | --- |
| **Name of the Company** | **OnSemi** | **INL** |
| **Organization of the Company** | Located on Arizona, many locations around the world, 13 executive leaders, and 10 directors. | 16 directors, |
| **Key Customers or Clients** | Subaru, AWS, Microsoft Azure, IBM, Panasonic, NVIDIA, Bosch, | 18 universities, 6 other national labs, and 10 industry partners |
| **Number of Employees** | 30,000 | 5,700 |
| **Locations** | 20+ countries | 1 main location, 12 other locations in Idaho |
| **Subsidiaries** | Many (insignificant) subsidiaries. Around 60 subsidiaries. | N/A (government company) |
| **Brief history of the company, including major developments or milestones** | * Founded in 1999 originally a spin-off of Motorola's Semiconductor Components Group * It continues to manufacture Motorola's discrete, standard analog, and standard logic devices. | * Originally made during WWII for military research * In 1997 is was repurposed for nuclear research |
| **Overview of key competitors, customer demographics, and major services, brands, or products** | * Texas Instrument * Qualcomm * STMicroelectror * Monolithic Power Systems * Vishay | * Improved Nuclear Energy * Homeland Security * Cybersecurity research * Hybrid energy systems * Other environmental research |
| **Issues or problems the organization is currently dealing with. This may include changing markets, growing or decreasing demand, increased competition, or regulatory or legal challenges.** | * Key buyers like Toyota and Honda face production cuts * Company growth has stalled * Worldwide chip shortage * Buyers become vertically integrated | * Scientific research issues * Lack of necessary employees * Lack of funding |
| **Your rationale for selecting the company** | * Their tenacity to advance sustainable energy and artificial intelligence * South Eastern Idaho location | * Their tenacity to advance sustainable energy and artificial intelligence * South Eastern Idaho location |