

# L2D2

## Laser digital transfer of 2D materials enabled photonics: from the lab 2 the fab

### Consortium



National Technical  
University of Athens



Graphenea



Mellanox  
TECHNOLOGIES



Bar-Ilan University



EXELIXIS  
Research  
Management  
& Communication

▶ L2D2 will deliver a two-fold technological breakthrough:

- The technology to upscale Gr and other 2D materials on the 8-inch scale at industrial grade quality.
- A laser-based, single-step and green printing solution for wafer-scale integration of 2D materials.

The exploitable outcomes of L2D2 will lay the foundation for a deeptech business model which will secure the foreground of the project and transform it to innovations with high exploitation potential.



[l2d2project.eu](https://l2d2project.eu)



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