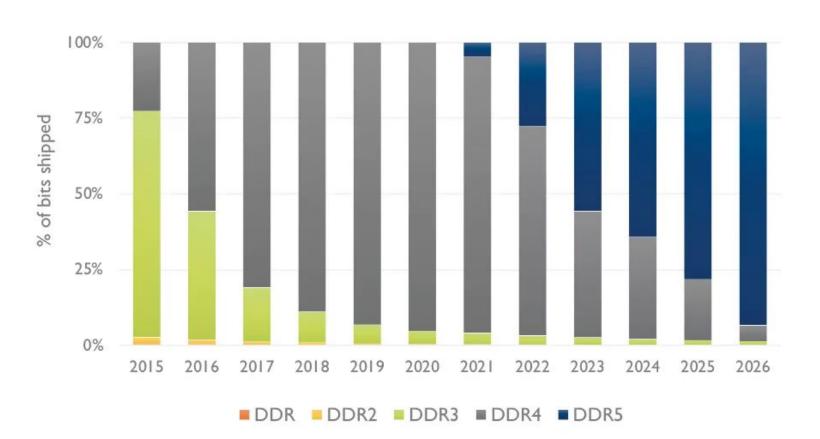
"Frankenserver"

A. Redding, A. Yang, G. Yuan

Breakdown of DDR bit shipments by interface generations - historical (2015-2020) and forecast (2021-2026)

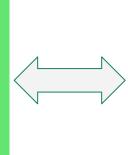
(Source: Status of the Memory Industry 2021, Yole Développement, June 2021)



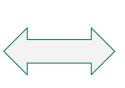
Workload **Evaluation**

Carbon Analysis

Computer w/ DDR4 Interface



Translator



1 GB DDR3

1 GB DDR3

1 GB DDR3

1 GB DDR3

Technology node	Embodied Carbon (g CO ₂ /GB)
30nm DDR3	230
10nm DDR4	65

436 mW for 4GB (4x 1GB of DDR3-1066) **320 mW** for 4GB (4x 1GB of DDR4-1066)

