

## Transcript

Title: Ts. Dr. Hj. Muhammad Khusairy Bin Bakri (Alumni Impact Awards 2022)

Creator: Swinburne Alumni

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Dr. Muhammad Khusairy Bin Bakri advocates for worldwide industries to turn to bamboo friendly products due to concerns about increased logging activities causing forests incapacity to absorb carbon dioxide emissions, driving climate change.

He is a specialist in materials in mechanical engineering, working with Washington State University as a post-doctoral research associate and obtained his Dr. of Philosophy, Master of Engineering, and Bachelor of Engineering from Swinburne.

His current research focuses on developing wood composites, bio composites, natural fibre and biomaterials to have cleaner material alternatives. Khusairy has had his products commercialised by several companies seeking to be more sustainable. He has also co-authored and edited more than 165 publications in local and international articles by leading scientific, technical, and medical publishers.

In his books Khusairy describes bamboo as one of the green technologies responsible for eco-products and sees Sarawak, Malaysia as the ideal place to be a global source of bamboo. Khusairy's drive, passionate and expertise makes him an authoritative figure in his field and a valued Swinburne alum, helping to create a better future for all.

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