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MoodleBox and MoodleNet for Sustainable Development in Asia

Sunday 18 February 2024 14:55 (20 minutes)

MoodleBox is a palm-sized, self-contained Moodle server based on Raspberry Pi hardware, costing under ten thousand yen. It is ideal for an intranet application in small remote schools in developing nations across Asia. Marcus Green has collaborated with the developer, Nicola in Zurich, and will update the Moodle community on the latest Pi 5 edition of MoodleBox. Discussion is continuing here: https://discuss.moodlebox.net/. Designed for solar powered operation, issues with the Pi5 is that it may draw more power, so running a large school may be problematic. Another potential stumbling block is robustness, which may require "tropical-isation" to limit the effect of dust and moisture. This project is called Sabier which involves a network of MoodleBox advocates with a global view, (https://moodle.sabier.org/) Finally, MoodleBox depends on open content (OER) materials for distribution in local languages. Don Hinkelman will outline plans and welcome volunteers for organic agriculture training with rural Bangladesh farmers using Moodlebox technology.

発表の種類 / **Presentation type**

プレゼンテーション（２０分）/ Presentation (20 mins)

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非商用 / Non-commercial

発表日の希望 / **Preferred day**

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