

TinyML Progress

Ethiopia

Progress of Ethiopia TinyML

- More device needed
- Sustainability Plan
- Communications & Collaboration
- Tailored to Domain Specific teaching Materials needed

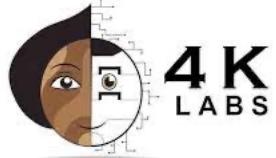


Few Pictures from different Trainings



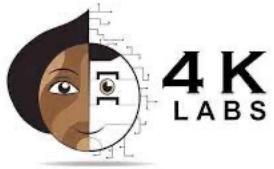
Training style

- Adopted to fit the situation
 - 2 or 3 days workshop
 - Tailored to the domain specific environments
 - Bioinformatics
 - Security & Privacy
 - Agriculture & Environment
 - Health
 - Examples are taken from Ethiopian related projects
 - 4-KLabs projects (WWW.4kbots.com)
 - <https://www.facebook.com/4K4KLABS/>

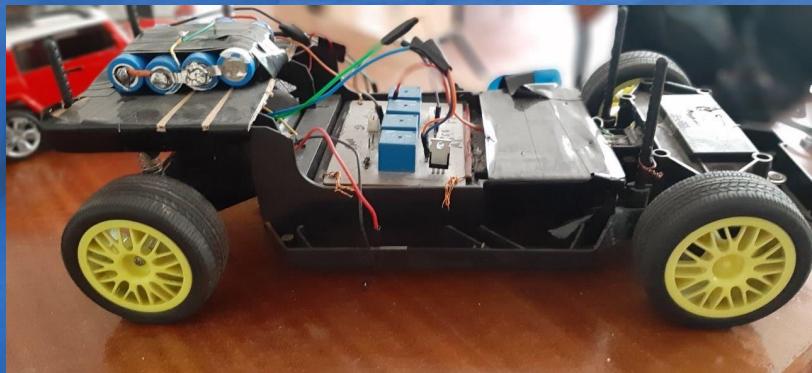


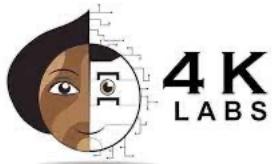
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Hackathon From 4K Labs

The page features a banner with a map of Africa and icons for Python, Gazebo, and ROS.

Acknowledgments:

4K Labs is delighted to announce that we will be holding our first hackathon on May 20th, 2022. We are grateful to our sponsors, partners, and all the individuals who have been involved over the years for the wonderful support.

Prizes:

• Hackathon will be held from May 20th to 22nd. • The winners will receive a prize based on their participation level. • Sponsored participants will be offered a seat at 4K Labs.

Prize Details:

- 1st Prize: \$1000 + 4K Labs
- 2nd Prize: \$500 + 4K Labs
- 3rd Prize: \$250 + 4K Labs

Contact:

Name: [REDACTED]
Email: [REDACTED]



TinyML in research

October 26 – 28, 2023

SUBMIT PAPER

FOR
PAPERS

PAPER SUBMISSION DEADLINE EXTENDED JULY 20, 2023

WELCOME TO ICT4DA-2023

Digital Innovation for Sustainable and Inclusive Economic Development

ICT4DA-2023

The 5th International Conference on Information and Communication Technology for Development for Africa (ICT4DA2023), will take place in Bahir Dar, Ethiopia on October 26 – 28, 2023. ICT4DA2023 aims to bring together researchers, engineers, developers, and practitioners from the academia and the industry to present and discuss their research work in the area of ICT for Development. This conference seeks to facilitate the transfer of experience, adaptation of methods, and where possible, foster collaboration among different groups.

Important Dates

- ✓ Paper Submission deadline
July 20, 2023
- ✓ Acceptance Notification
August 15, 2023
- ✓ Camera Ready Deadline
September 15, 2023



Constraints

- Budget constraints
 - Only one instructor and one mentor is providing all course content
- Not Enough time for participants to practice on the device
- Pre requisites not fulfilled for domain specific participants

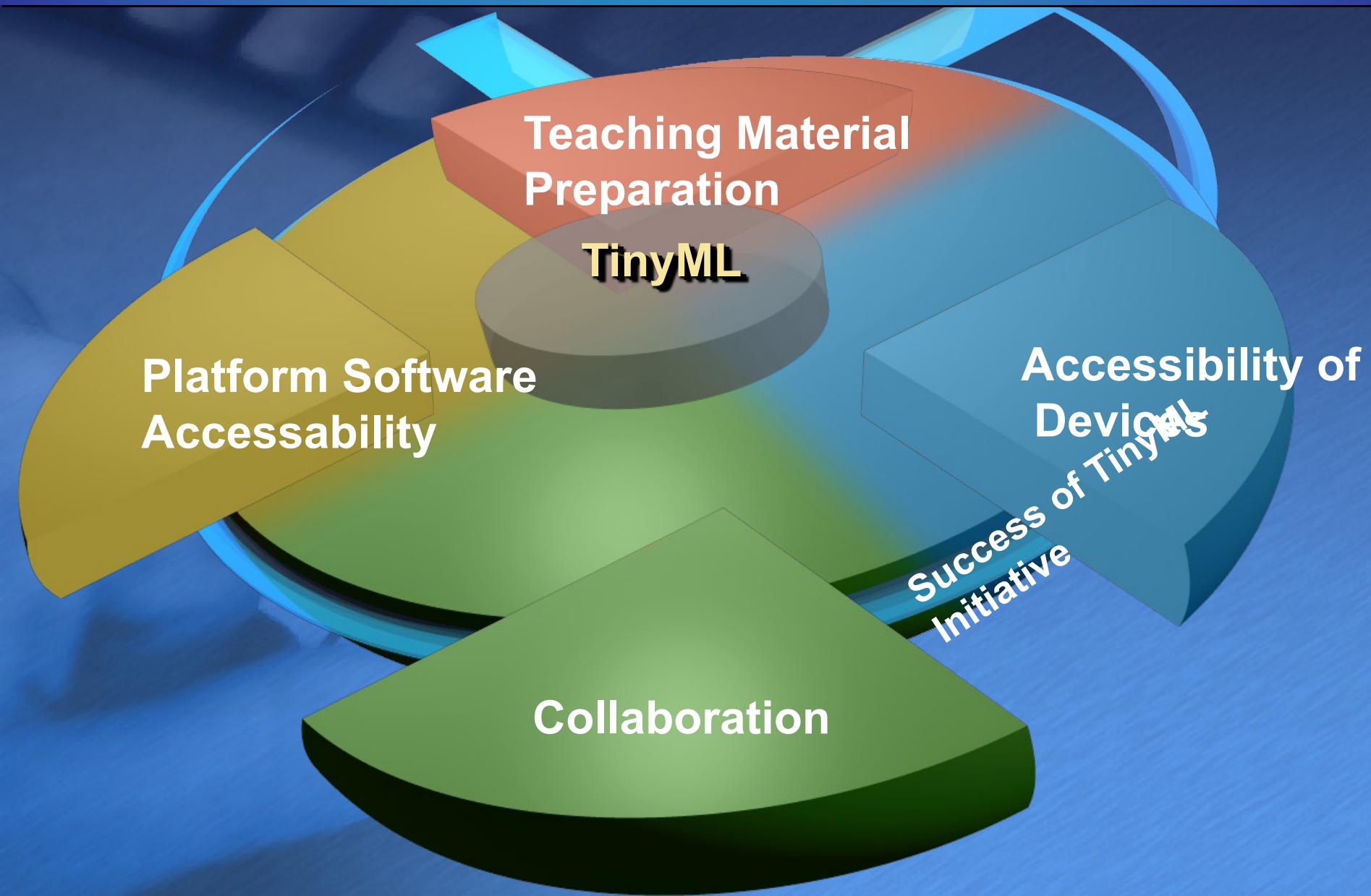
Recommendations

- Detailed short term training for trainers
 - Summer School
 - Experience sharing sessions
- Extended knowledge that is needed in the area
- Incorporate the TinyML course in the curriculum
- Sustainability plan

Future Plan

- Organize regional and International Conferences in Ethiopia
 - TinyML Conference for Africa
- Collaborate with ICT4D conferences in Africa and ARM , Ethiopian AI Institute etc...
- Summer schools for trainers
- TinyML Hackathon in Ethiopia and Africa
 - Award the best 3 projects
- Extend domain specific trainings to benefit multi disciplinary collaboration

Sustainability of TinyML



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THANK YOU

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