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FEASIBILITY STUDY OF INDONESIA FOR MOOC (MALANG SELATAN, EAST JAVA)

Workshop on The Design of Massive Open Online Courses for Rural Communities
Universitas Brawijaya - Malang, Indonesia February 12th-14th, 2018



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DISTANCE LEARNING

- ▶ educational system that has a **wide range of coverage**, across locations, flexible in time, and flexible in socio-economic backgrounds.
- ▶ **solutions** to **various educational issues**
- ▶ the development of media and information and communication technology that can bridge the need for education in **massive** and extensive.





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MOOC Policy in Indonesia:

- ▶ UU No. 12/2012 on Indonesia Higher Education Chapter 7 (Distance Learning)

37 : Distance education is a process of teaching and learning that is done remotely through the use of **various communication media**

- ▶ Permendikbud No. 109/2013
- ▶ Guideline for Distance Learning 2016

PANDUAN PELAKSANAAN
PJJ 2016
PENDIDIKAN JARAK JAUH





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Distance Learning in Indonesia:



Pelatihan Guru Tertulis



UNIVERSITAS TERBUKA



Hybrid Learning for Indonesian Teachers (HYLITE: PJJ S1 PGSD - 23 LPTK)



PJJ untuk Politeknik oleh PENS (Surabaya State Politechnics for Electronics)



Dual Mode Education Model



Model UNNES



Distance Education for Continuing Vocational Education





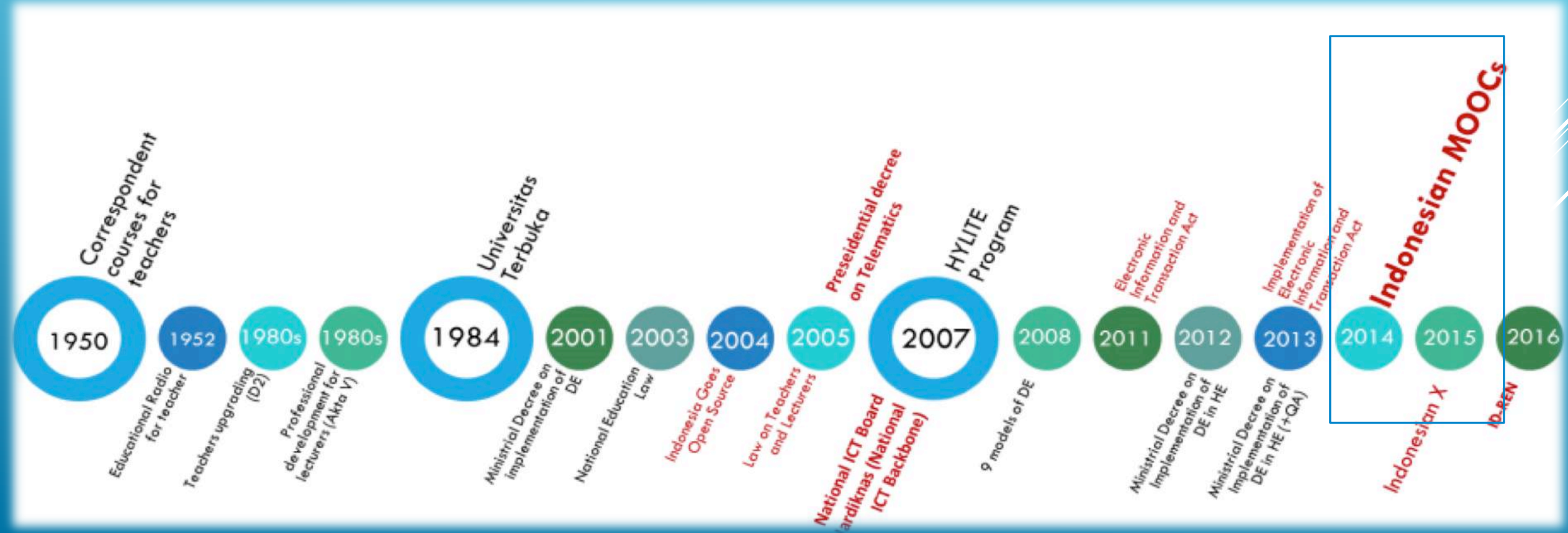
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face-to face learning	Blended/hybrid learning	Distributed learning	teleconference	e-learning
Podcasting Webcasting	web-based learning	distance education	Distance Learning	Flexible learning
Open Learning	Open and distance learning	(fully) online learning	Technology-based learning	Technology-based training
Web-based training	Virtual learning	Mobile learning	Off campus learning	mobile learning
palm learning	ubiquitous learning	Open Educational Resources	Massive Open Online Courses	...



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Timeline for MOOC in Indonesia:





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FEASIBILITY AND READINESS STUDY OF MALANG SELATAN, EAST JAVA FOR MOOC ON RURAL AND COASTAL COMMUNITY



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Why Malang Selatan:

- ▶ Most People lives in the Rural and Coastal area
- ▶ Relative Low income, with average of 300 –1.500.000 IDR (25 -120 USD) per month
- ▶ High unemployed rate
- ▶ High natural Resources





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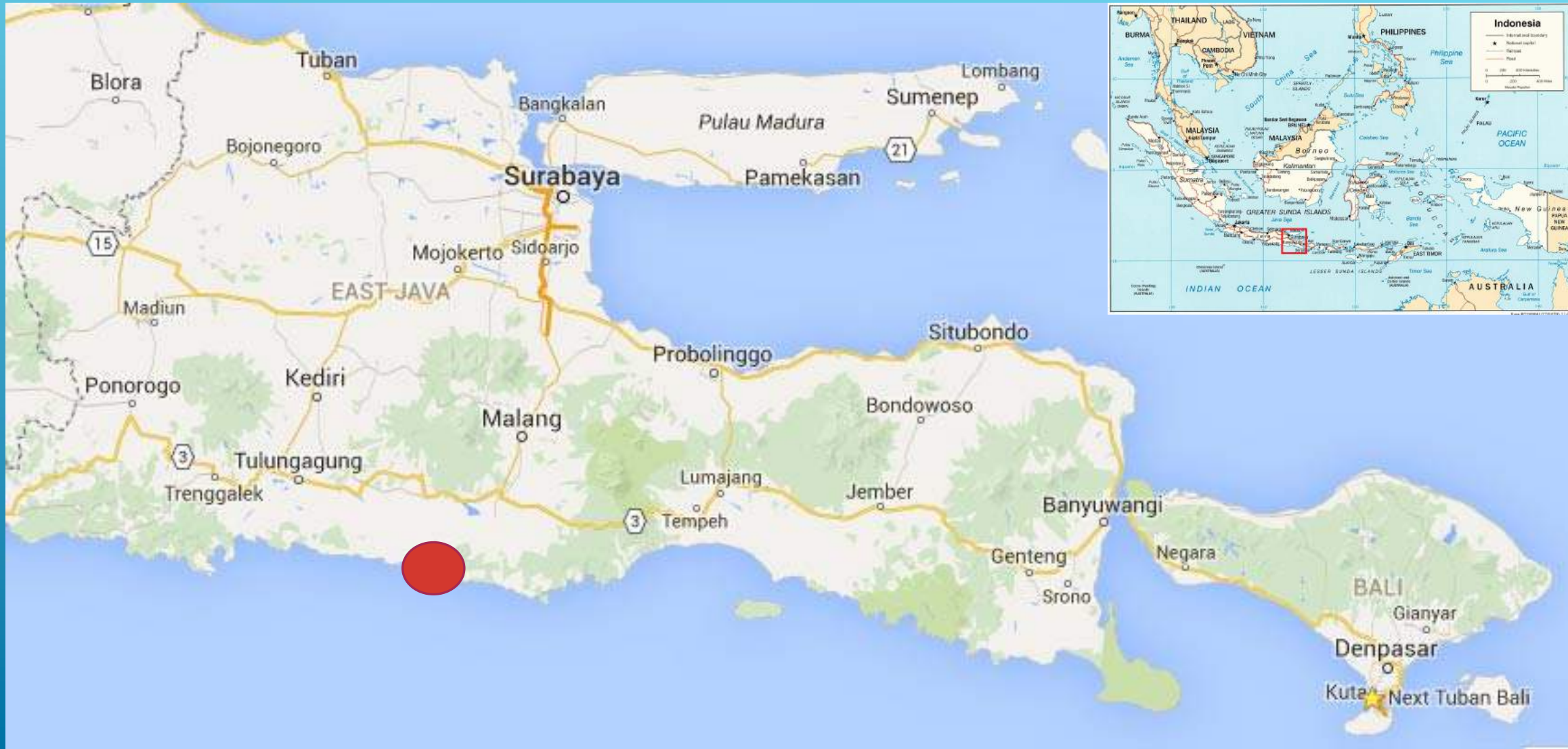
Research Objectives:

1. To know the readiness and suitability of Malang Selatan people for MOOC
2. To identify the need for income improvement
3. To identify the most appropriate courses



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LOCATION





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Research Methodology and Instruments:

Methods

Descriptive

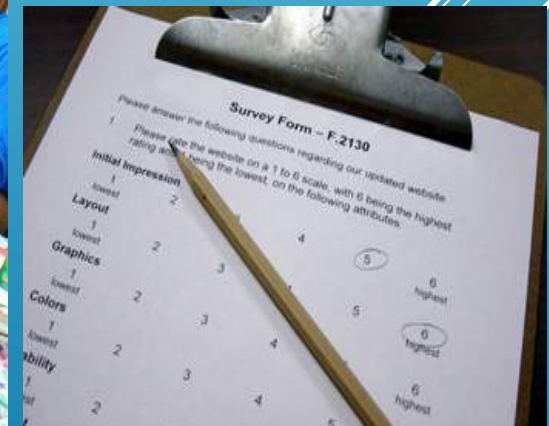
Explorative

SURVEY AND INTERVIEW



Salam sejahtera,

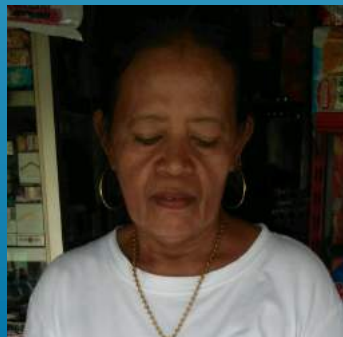
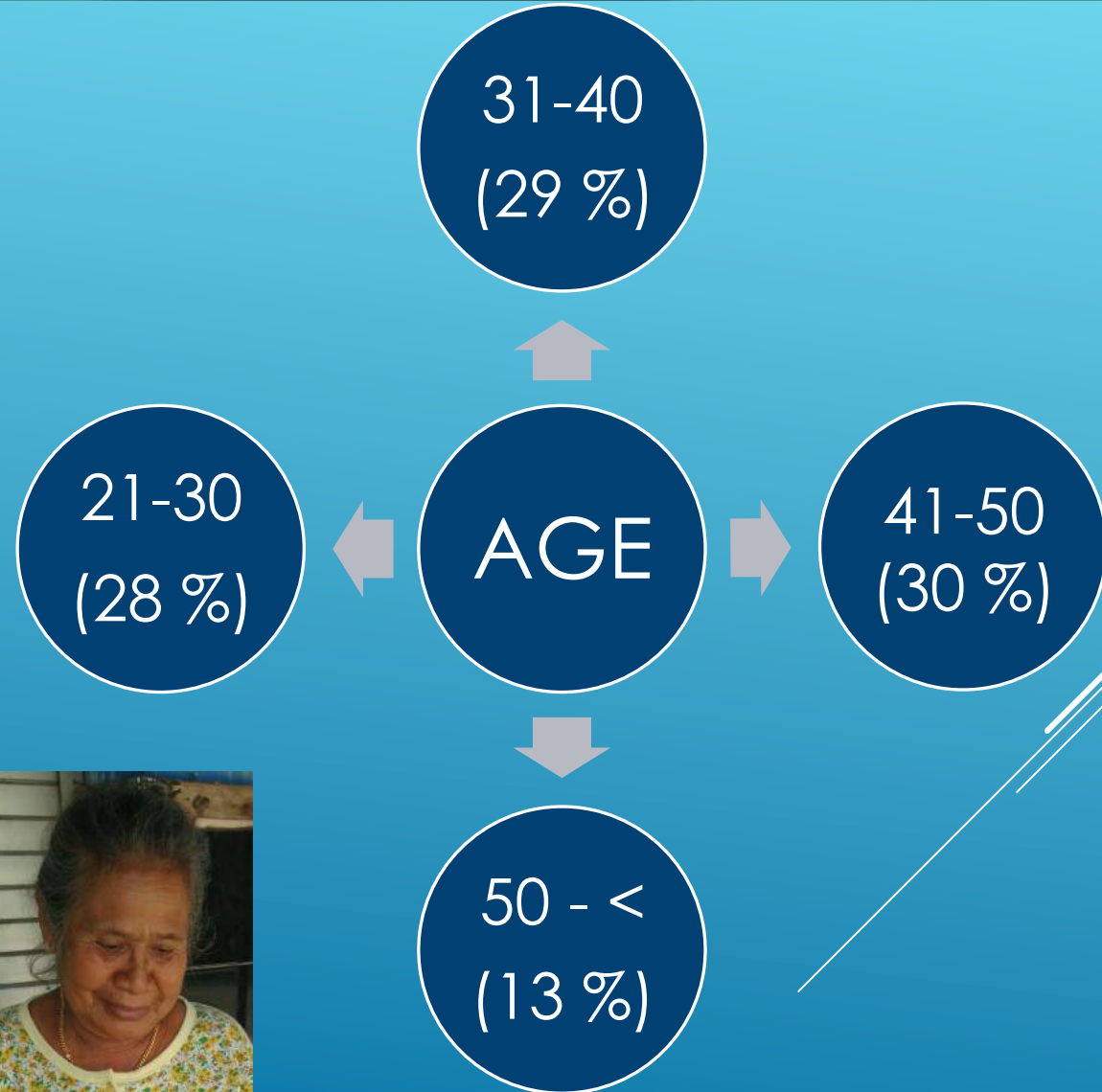
Sekelompok peneliti dari Universitas Brawijaya, Malang sedang mengadakan studi kelayakan tentang pelatihan/kursus kewirausahaan yang nantinya akan dikembangkan secara online. Kursus ini akan dikembangkan khususnya bagi nelayan di Wilayah Jawa Timur untuk mempelajari keterampilan kewirausahaan dan seluruh peserta diharapkan dapat menjadi pengusaha. Pelatihan/kursus tersebut akan dikembangkan secara online menggunakan Massive Open Online Courses, MOOC yang akan ditawarkan tanpa biaya untuk mereka yang berminat mempelajarinya.





Research Instruments

- Number of Respondents = 100





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FINDING

	Characteristic	Percentage (%)
Demography	Village	99
	City	1
Education	Elementary	32
	Junior High School	39
	Senior High School	24
	Bachelor	1
	Undergraduate	4



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	Characteristic	Percentage (%)
Marital Status	Married	83
	Unmarried	17
Job	Fisherman	48
	merchants	12
	Farmer	13
	Part-time worker	12
	Government employee	2



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READINESS FINDING

	Characteristic	Percentage (%)
Hand phone ownership	Yes	92
	No	8
Smartphone type	Yes	64
	No	36
Desktop Computer	Yes	80
	No	8
Access Internet	Yes	64
	No	36
How to access	Data Cellular	60
	Rental	3
	Other	37



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Willingness to the course

	Characteristic	Percentage (%)
Interest in MOOC	Interested *	67
	Less intereted	25
	Other	8
Learning Tool	Smartphone	52
	Desktop	13
	Tablet	17
	Other	18
Course	Entrepreneurship	70
	Environmental issues	-
	Financial management	12
	Other	18



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CONCLUSION

- ▶ Malang Selatan, east Java is the best pilot project for MOOC
- ▶ High concern is increasing the income and improving their life qualities
- ▶ Based on the data analysis , it is the best time for introducing them with MOOC that focusing on the entrepreneurship courses



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RECOMENDATION

- ▶ **Training** for smart internet access is needed
- ▶ Improvement of internet access capability
- ▶ **Mobile MOOC devices/instruments** is very important



Internet Access





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**THANK
YOU**