

DENSO

Crafting the Core

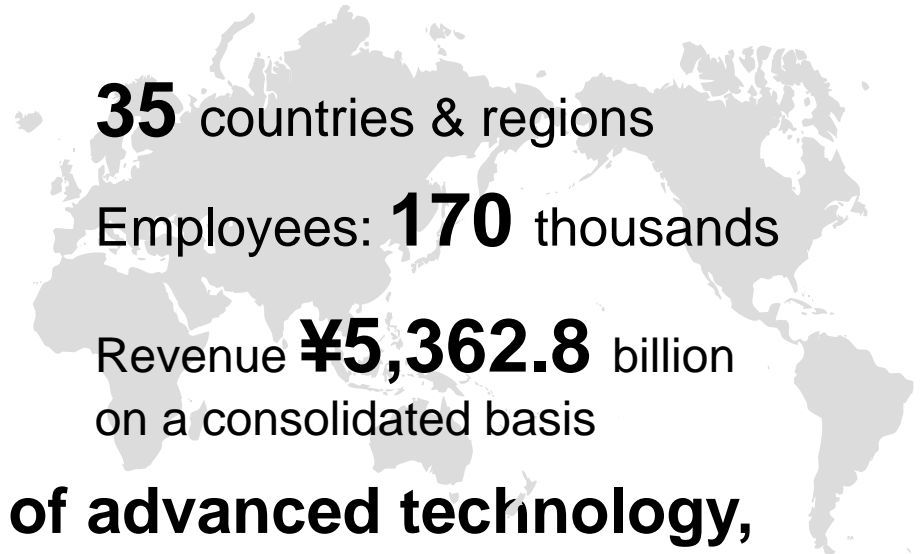
**DENSO's Commitment
Toward Human Resources
Development for Overseas
Manufacturing in Support
of Asian Industrial
Development**

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DENSO CORPORATION

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1. Company Profile



Global automotive suppliers of advanced technology, systems and components

Environment

Engine Management System

Safety

Sensor for the vehicle installation

Comfortable

Air conditioner system for the car

Safety

Various control computer Electronics product

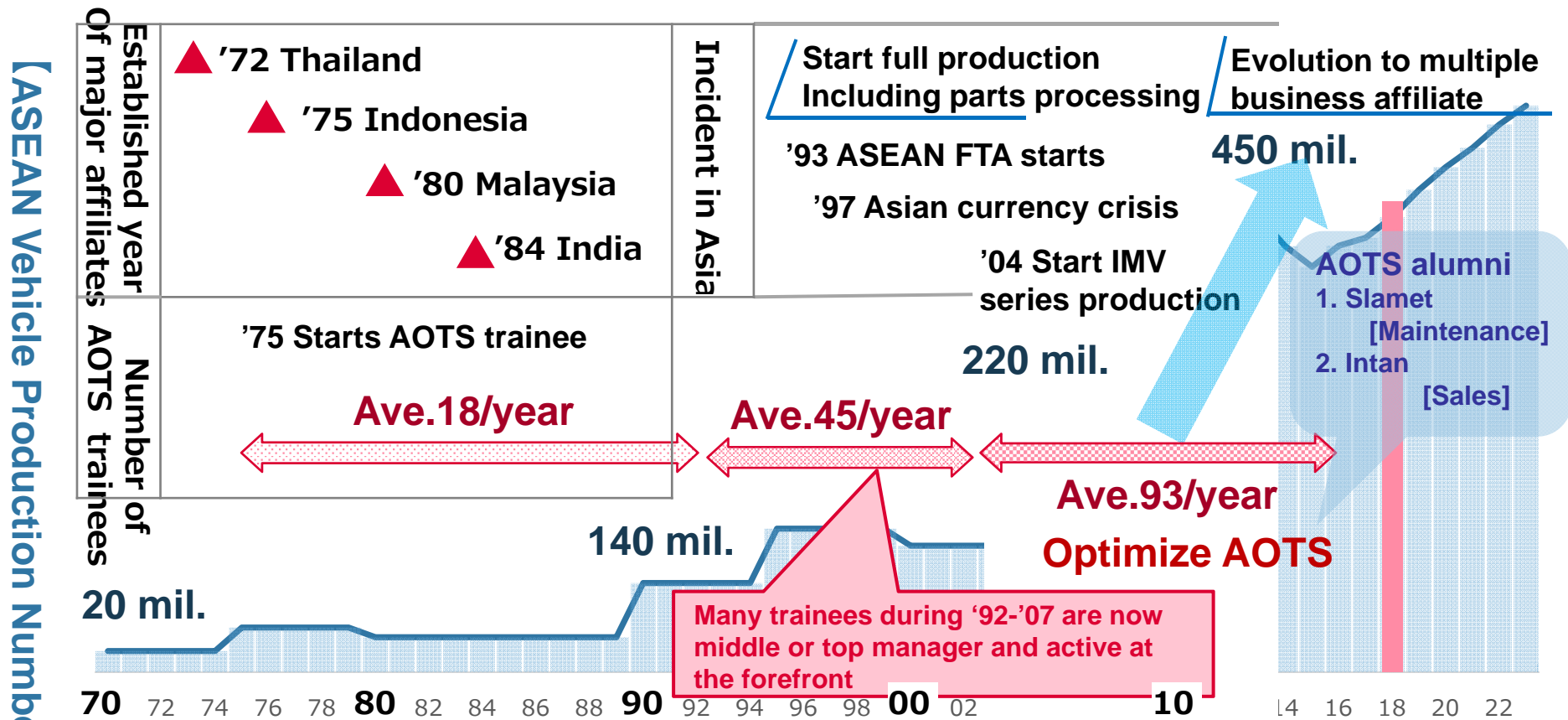
Environment

Electrification system of the hybrid car

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2. DENSO Asian Business and AOTS trainees

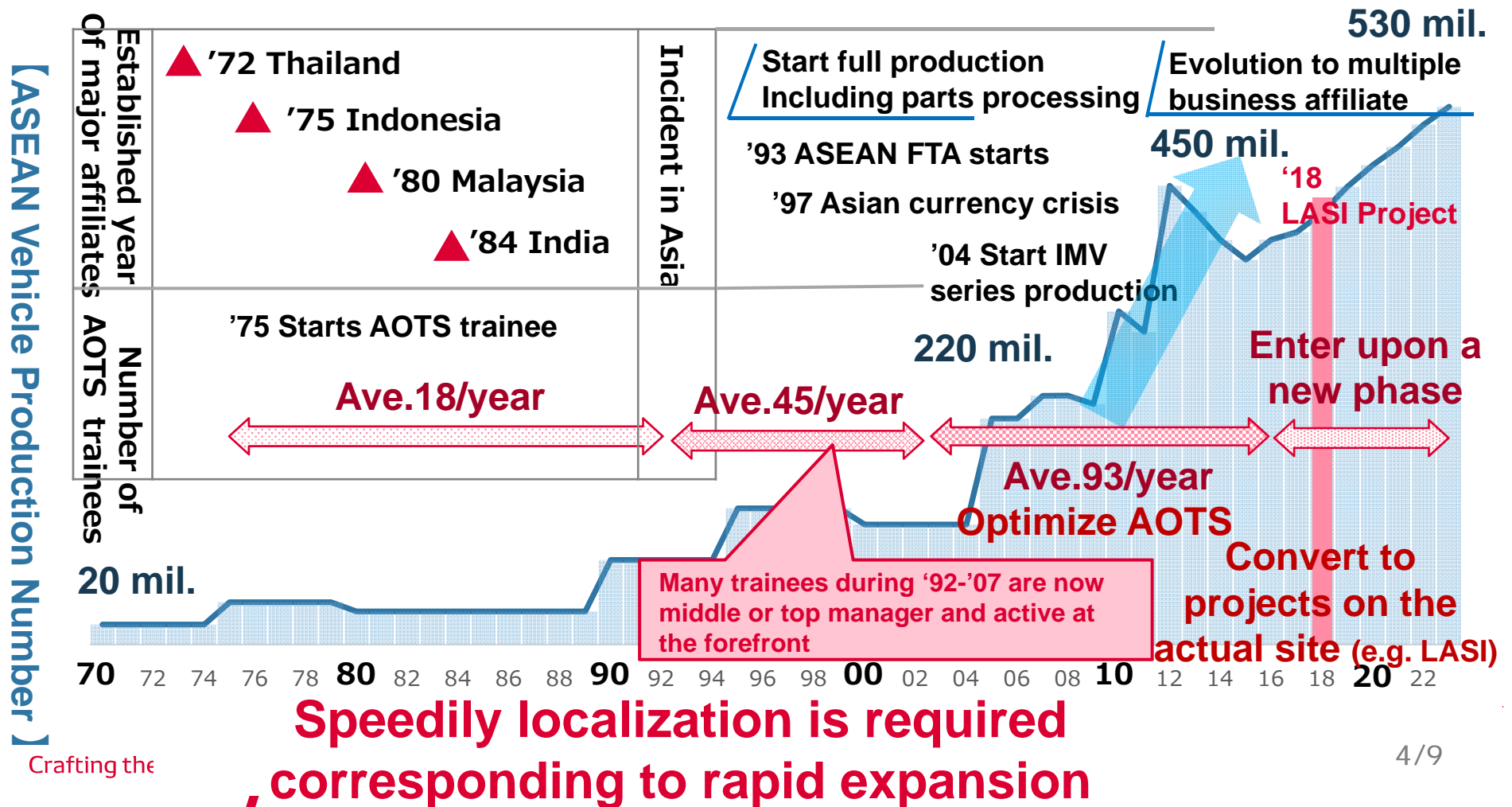
MONO ZUKURI activity	Start multiple products production by knock-down	with ASEAN FTA as a trigger Intensive production by complementing among affiliates
Expectation to trainees	Learn Japanese style MONOZUKURI (quality, productivity)	Contribute to enhancement of competitiveness by learning know-how of cost reduction & quality improvement.



Speedily localization is required corresponding to rapid expansion

2. DENSO Asian Business and AOTS trainees

MONO ZUKURI activity	Start multiple products production by knock-down	with ASEAN FTA as a trigger <u>Intensive production</u> by complementing among affiliates	toward <u>Self-contained affiliate</u>
Expectation to trainees	Learn Japanese style MONOZUKURI (quality, productivity)	<u>Contribute to enhancement of competitiveness</u> by learning know-how of cost reduction & quality improvement	<u>Self-development</u>



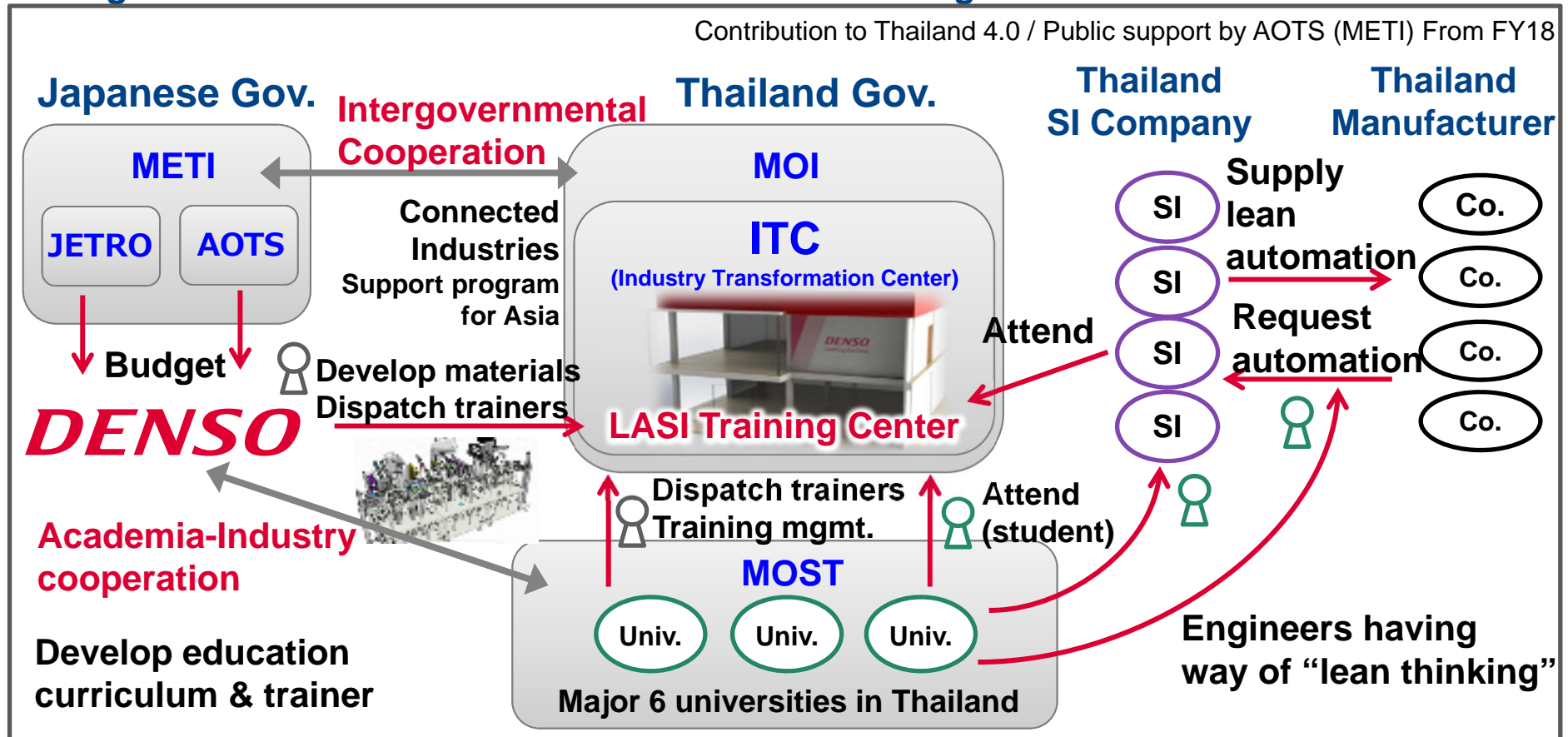
5. LASI Project in Thailand –Self-Development of Production Engineering–

LASI (Lean Automation System Integrators) = **Program to implement automation without MUDA & HR training**

Short term development of System Integrator, having a key role of automation in Thailand

Objective: To develop SIER, bottleneck of automation, and strengthen Thai mfg. competitiveness as a representative of the mfg. industry of Japan

Background: automation needs in Thailand due to rising labor costs



6. LASI Project in Thailand -Curriculum-

LASI Curriculum

No	Curriculum	
1	Introduction for Manufacturing System & Automation	
2	Lean Manufacturing (TPS)	 
3	Lean Automation System Specification Design	
4	Fine Lean Automation System Design & Implementation	
5	TPM	
6	Lean Automation System KAIZEN	
7	Robot Operation	
8	PLC Operation	(by Rockwell)
9	GD.findi Operation	
10	Visual Component Operation	

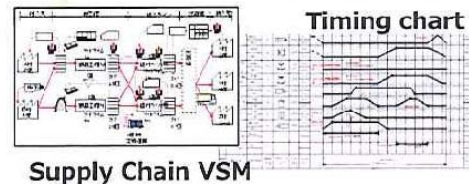
- TPS・TPM
- Automation design
- Robot, simulation, etc. **Total 132hrs**



<2F> LASI Class Room



<Theoretical Lesson>



<Software Training>

Production Simulator



Machine Simulator



7. Conclusion

Contributed to various development in Asia for 60 years of AOTS history

Phase I : Basis to start “MONOZUKURI”

Phase II : Toward true “MONOZUKURI”
and HR development

Phase III : Self-directive talent corresponding to
diversified and speedy economic
development in Asia

➡ Build a win-win relationship with Japanese economy

Thank you for listening

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