

対象国「環境・エネルギー」「都市交通・交通安全」分野における開発ニーズ(課題)

- 人口増加や経済発展等に伴う自動車保有台数の増加
- 都市部を中心に、整備不良車により深刻化する大気汚染等の公害・交通事故
- 客観的な自動車・検査整備の実施体制の早期確立

提案製品・技術

- 大型・商用自動車を中心とした自動車検査用機器一式
- 品質と耐久性、導入・維持コスト、メンテナンス性に優位性
- 検査処理能力を向上させる効率化と自動化を実現

本事業の内容

- 契約期間: 2020年3月~2023年8月
- 対象国・地域: インド国マハラシュトラ州
- カウンターパート機関(候補): インド国マハラシュトラ州交通局
- 案件概要: インドでは、大気汚染をはじめとする公害対策への問題意識が強い一方で、車両の排気ガスなど環境・安全面を機械により一元的に検査する車検場は全国で8箇所限定されている。本調査では、車検の本来の目的として整備不良車が削減されることを念頭に、効率性と信頼性が高い検査・整備体制の構築の方策を探る。



自動車検査用機器一式

開発ニーズ(課題)へのアプローチ方法(ビジネスモデル)

- 公営車検場に対する自動車検査用機器の導入
- 民間自動車整備事業者に対する自動車検査用機器・整備用機器の普及

対象国に対し見込まれる成果(開発効果)

- 整備不良車の削減
- 大気汚染等の公害対策への貢献
- 車両所有者の交通安全意識の醸成への貢献

Development Issues Concerned in “Environmental and Energy”, “Urban Traffic and Road Safety” Sector

- Increase in the number of poorly maintained cars due to population growth and economic development
- Air pollution and traffic accidents which become more serious especially in urban areas because of poorly maintained cars
- Early establishment of the system for objective automobile inspection and maintenance

Products/Technologies of the Company

- Automotive inspection and maintenance equipment focused on large vehicles and commercial vehicles
- Superiority in quality, durability, cost for installing and maintenance and maintainability.
- Realization of automation and improvement in efficiency which can improve inspection capacity.

Survey Outline

- Survey Duration: March, 2020~ August, 2023
- Country/Area: India / State of Maharashtra
- Name of Counterpart: Motor Vehicles Department, Maharashtra, India
- Survey Overview: In India, there is a strong awareness of pollution-related countermeasures such as against air pollution, but on the other hand, there are only 8 inspection and certification centers that can, in an integrated way, check the impacts of vehicles on environment and safety, such as vehicle exhaust by automated equipment. In this survey, measures to establish an efficient and reliable inspection and maintenance system will be investigated, keeping in mind that poorly maintained vehicles will be reduced which is the original purpose of vehicle inspections.



Vehicle Inspection Equipment

How to Approach to the Development Issues

- Introduction of automotive inspection equipment into public vehicle inspection stations.
- Spreading automotive inspection equipment and automotive maintenance equipment toward automotive maintenance companies in private sector

Expected Impact in the Country

- Decreasing the number of poorly maintained vehicles
- Contribution to pollution countermeasures such as against air pollution
- Contribution to breeding of awareness in traffic/road safety of automobile users