

HEALTH IMPACT ASSESSMENT IN ADVANCING DEVELOPMENT; A PARTNERSHIP EFFORT BETWEEN STAKEHOLDERS

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HEALTH IMPACT ASSESSMENT

- A management tool in ensuring the health and safety of
 - Current communities.
 - Future generations.
- Assessment
 - New project or development.
 - Extension of existing project.

TYPES

- Health impact assessment
 - For one particular specific project
- Cumulative health impact assessment
 - For few particular projects under one management or megaproject.

ENFORCEMENT

- Environmental Quality Act 1985
 - 19 prescribe activities that required Environmental Impact Assessment (EIA).
- Two levels
 - Detailed environmental impact assessment (DEIA) – Putrajaya
 - Preliminary environmental impact assessment (PEIA) – One stop agency

PEIA

- Top five states
 - Johor (SME industry)
 - Kelantan (agriculture)
 - Selangor (SME industry)
 - Pahang (agriculture)
 - Pulau Pinang (SME industry)

COMMUNICABLE DISEASES

- About 29% of communicable diseases occurred in all top five states
 - Dengue fever.
 - Malaria.
 - Tuberculosis.
 - Sexually transmitted infections.
 - Food poisoning.

WHY?

- First blame on the influx of foreign workers
 - Republic of china (tuberculosis)
 - Indonesia (malaria)
 - All (STIs) – loneliness, risk behaviour
- Poor sanitation and housekeeping during construction and operation of the project
 - Dengue fever
 - Food poisoning

HOW ABOUT OTHER DISEASES?

- Veterinary medicine
 - Leptospirosis, rabies, brucellosis.
- Nutrition
 - Malnutrition (high good price)
- Accident and injury
 - Road traffic accidents
- Non communicable diseases
 - Premature death
 - Asthma, COAD.
- Social
 - Social friction
 - Violence, vandalism.

HOW ABOUT HEALTH CARE SYSTEM?

- Existing facilities
 - Clinic and hospital (space and capacity).
 - Ambulance (dedicated).
- Existing manpower
 - Trained in emergency care (clinic / hospital).
- Existing private clinics
 - Panel clinics (competent MO).

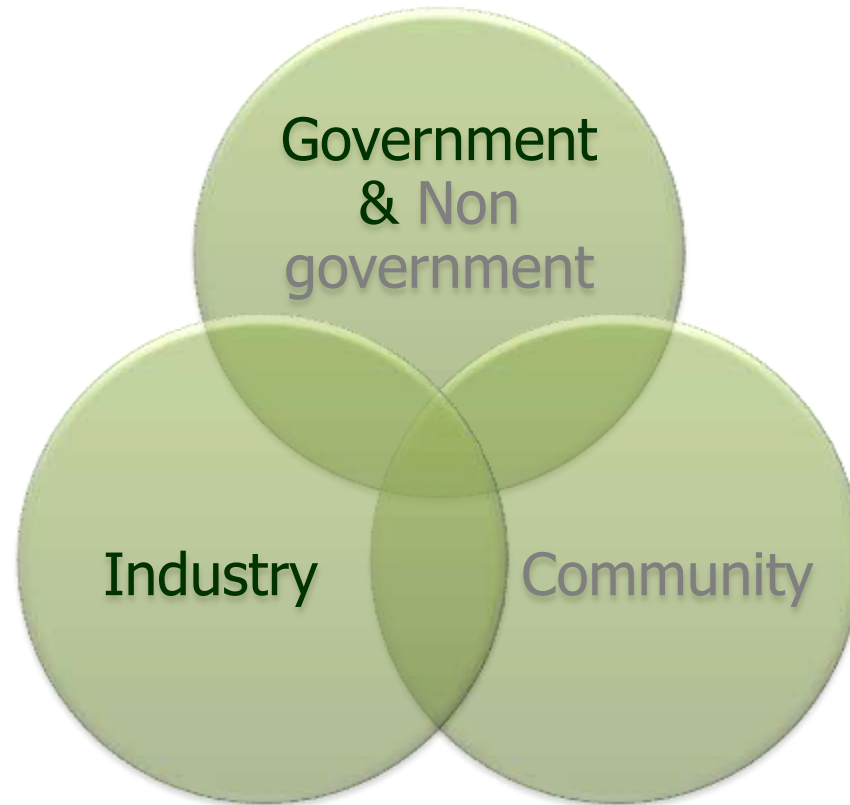
12 ENVIRONMENTAL HEALTH AREAS

Vector-Related Diseases	Non communicable Diseases
Respiratory and Housing Issues	Accidents and Injuries
Veterinary Medicine and Zoonotic Issues	Exposure to Potentially Hazardous Materials
Sexually Transmitted Infections	Social Determinants of Health (SDH)
Soil- and Water-Sanitation - Related Diseases	Cultural Health Practices
Food- and Nutrition - Related Issues	Health Services Infrastructure and Capacity

FOR EIA APPROVAL – SMART PARTNERSHIP



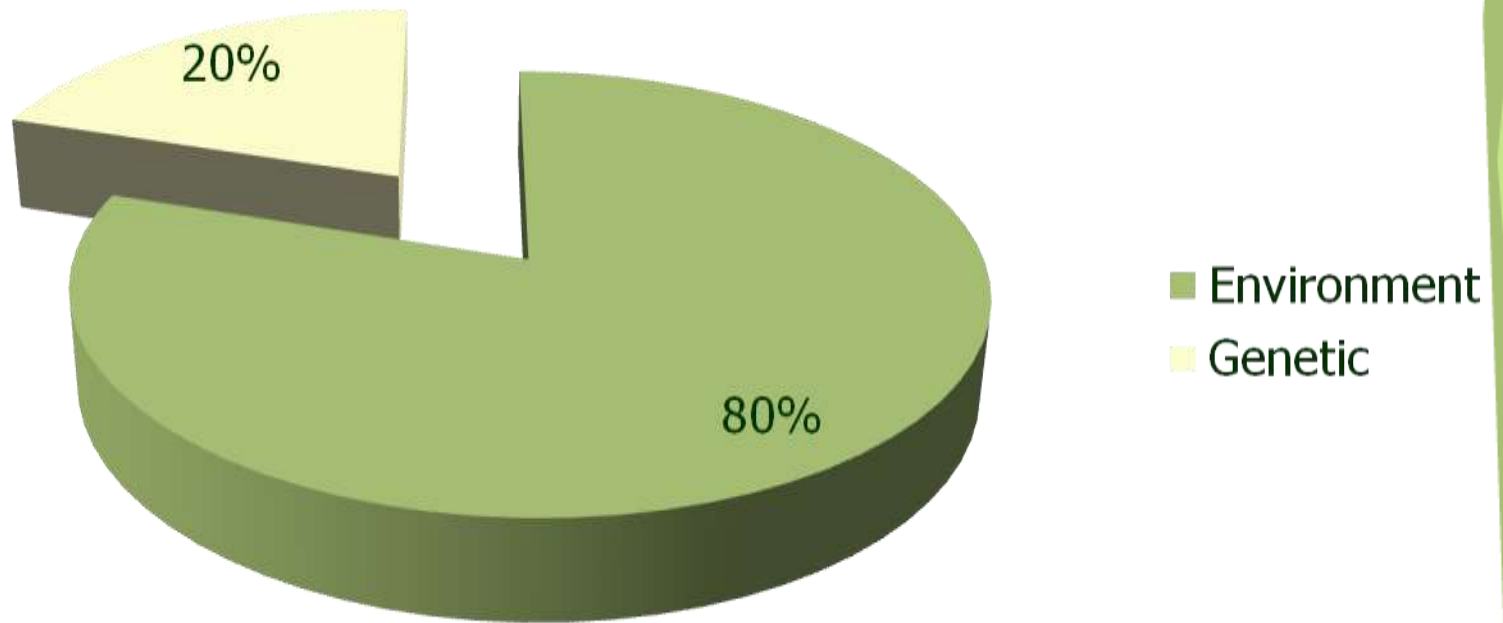
POST EIA APPROVAL – ? SMART PARTNERSHIP



12 areas	Government	Non government
Vector-Related Diseases	Kesihatan, Perbandaran, Sisa pepejal,	Fogging & Pest control
Respiratory and Housing Issues	Kesihatan, Perbandaran, JPJ (dust)	FOMCA, Nursery, Malaysian Association for the Prevention of Tuberculosis
Veterinary Medicine and Zoonotic Issues	Kesihatan, Veterinary.	FOMCA, Church, Temple,
Sexually Transmitted Infections	Kesihatan, Perbandaran, police, religious office, Youth office	FOMCA, PROSTAR Malaysia AIDS Council, Angkatan Belia Islam Malaysia
Soil- and Water-Sanitation - Related Diseases	Kesihatan, Perbandaran, Sisa pepejal, JPS, Forestry	Recreation owner, Hotels, Resorts,
Food- and Nutrition - Related Issues	Kesihatan, Perbandaran,	FOMCA, Nutrition Society of Malaysia, Malaysian Trade Union Congress , National Consumer Complaints Centre.

12 areas	Government	Non government
Non communicable Diseases	Kesihatan.	FOMCA, Persatuan perubatan
Accidents and Injuries	JPJ, Jab kerja raya, police,	MYROS, Malaysian Youth Council
Exposure to Potentially Hazardous Materials	DOE, Kesihatan, JPS,	FOMCA
Social Determinants of Health (SDH)	Kesihatan, Police, RELA	Youth, Mosque, Temple, Church, Malaysia Mental Health Association, Malaysian Youth Council, PEMADAM
Cultural Health Practices	Kesihatan	National Council of Social Welfare & Social Development Malaysia
Health Services Infrastructure and Capacity	Kesihatan	Private clinic and hospital, Malaysian Volunteer Fire & Rescue Association

DISEASE BURDEN



SMART PARTNERSHIPS IN HIA

- Reduce disease burden.
- Reduce cost for disease treatment.
- Increase government efficacy and effectiveness.
- Increase of knowledge and technology sharing.
- Increase quality of life.

THANK YOU

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