

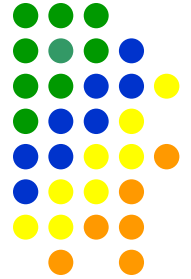
Siting Locally Unwanted Facilities in Hong Kong - Public Survey Results



**The Chinese University of Hong Kong
Centre for Environmental Policy and Resource Management**

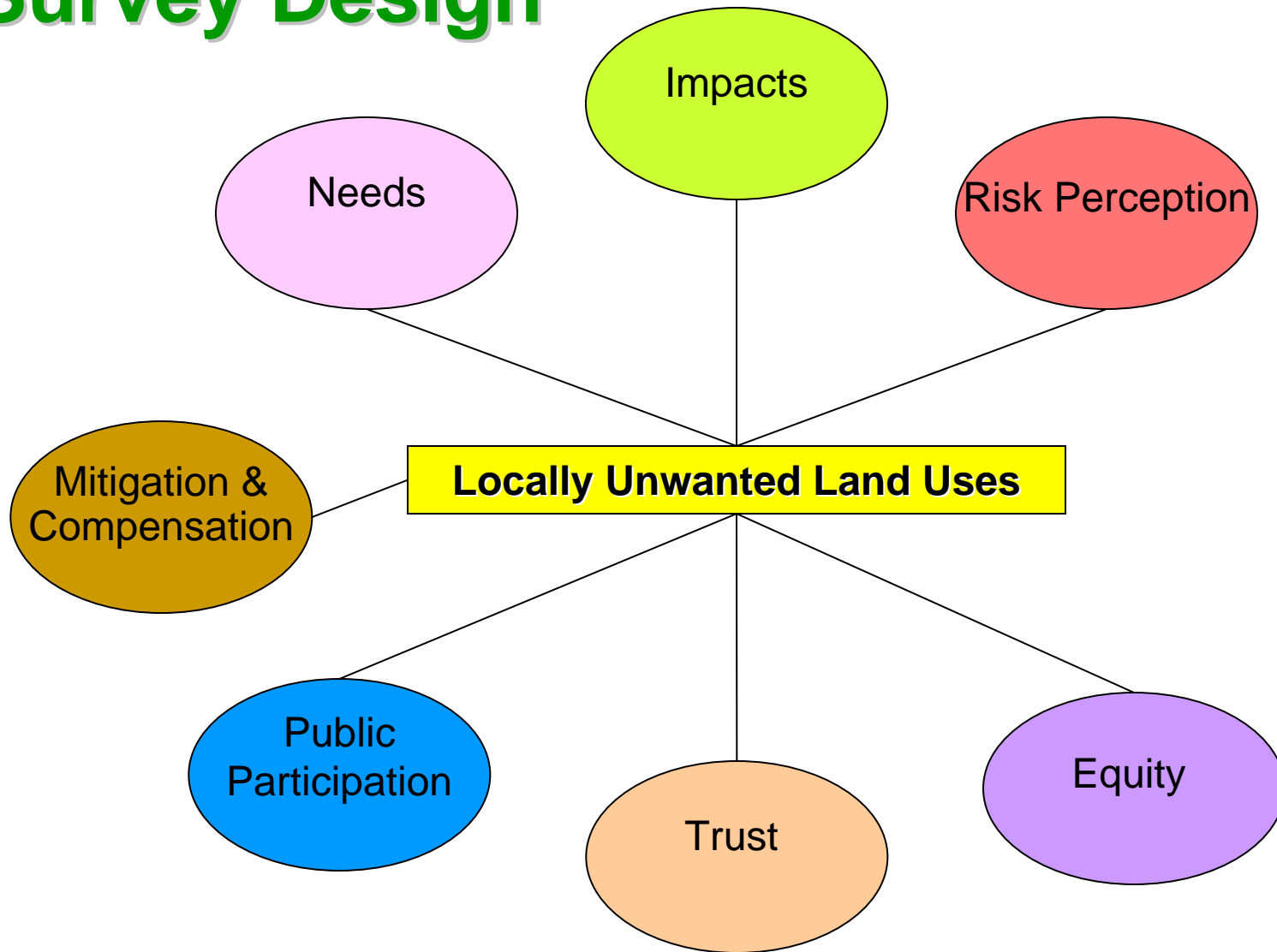
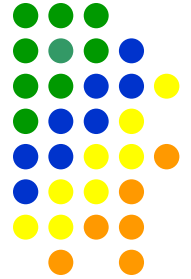
June 16, 2007

Survey Method

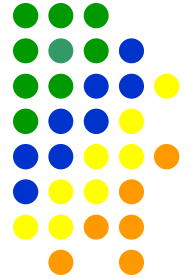


Date	May 10 to 21, 2007
Targeted Interviewees	Age 18 or above HK residents
Method	Random sampling by telephone
No. of Surveys Done	1,002

Survey Design



Survey Results

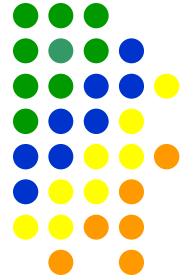


Degree of Welcomeness

- Would you **welcome** the following facilities to be sited near your neighborhood?

	Site Near Your Neighborhood (Within 500 meters, i.e. approx. 10-min-walking distance)					
	1 ←————→ 5					Don't know/ Hard to say
	Very welcome				Not at all welcome	
Garbage Station						
Incinerator						
Chemical Waste Treatment Plant						

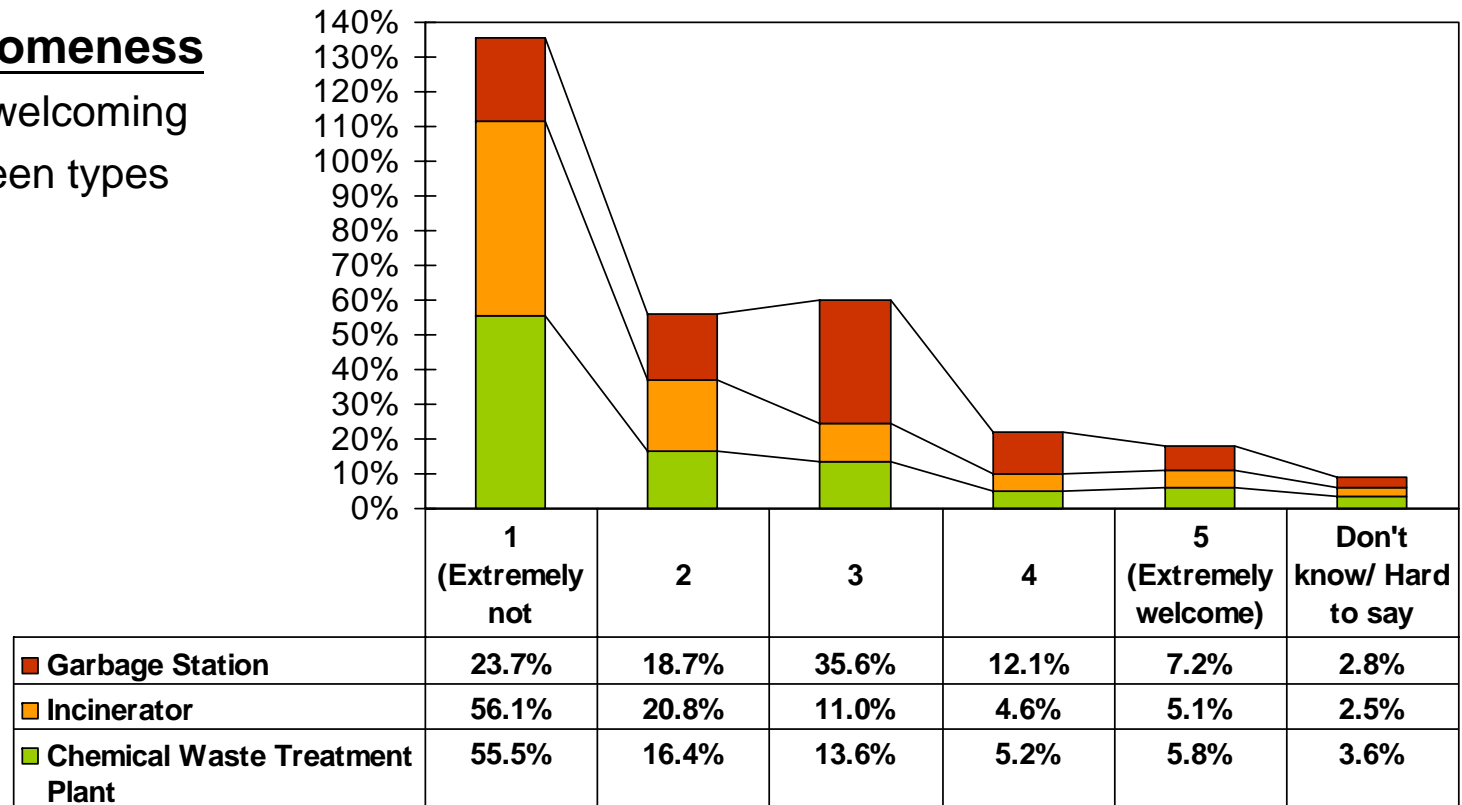
Survey Results



Public Views on the Degree of Welcomeness on Siting Locally Unwanted Facilities

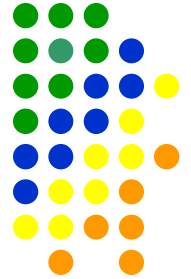
Degree of Welcomeness

- Generally not welcoming
- Different between types



Degree of Welcomeness

Survey Results

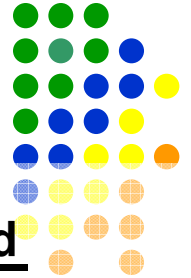


Needs

- Do you think HK & your community **need** the following facilities?

	Need (Can choose more than one)			No Need	Don't know/ Hard to say
	Hong Kong	Regional (e.g. Eastern HK Island, Northern New Territories)	Your District		
Garbage Station					
Incinerator					
Chemical Waste Treatment Plant					

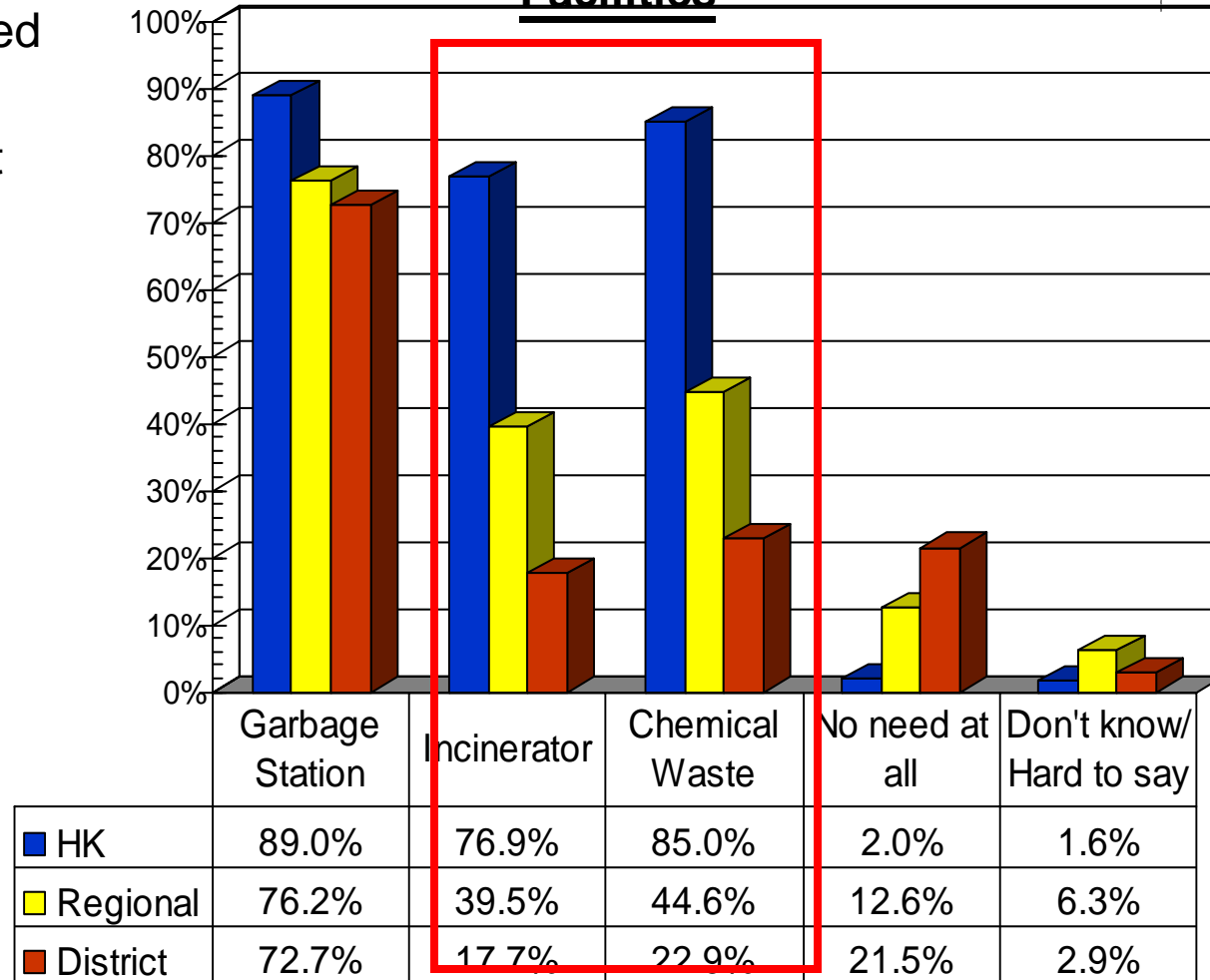
Survey Results



Needs

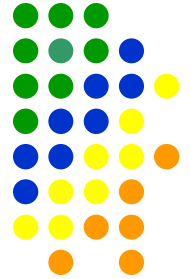
- HK/ District: needed
- District: generally declining, different b/w types

Public Views on the Need on Siting Locally Unwanted Facilities



Types of Locally Unwanted Facilities

Survey Results

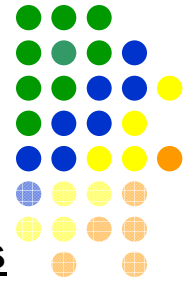


Impacts

- What **impacts** do you think the following facilities would bring? (Can choose more than one)

	Economical (e.g. property prices)	Environmental (e.g. air pollution)	Social (e.g. lowering the standard of living)	Health and Safety	Don't know/ Hard to say
Garbage Station					
Incinerator					
Chemical Waste Treatment Plant					

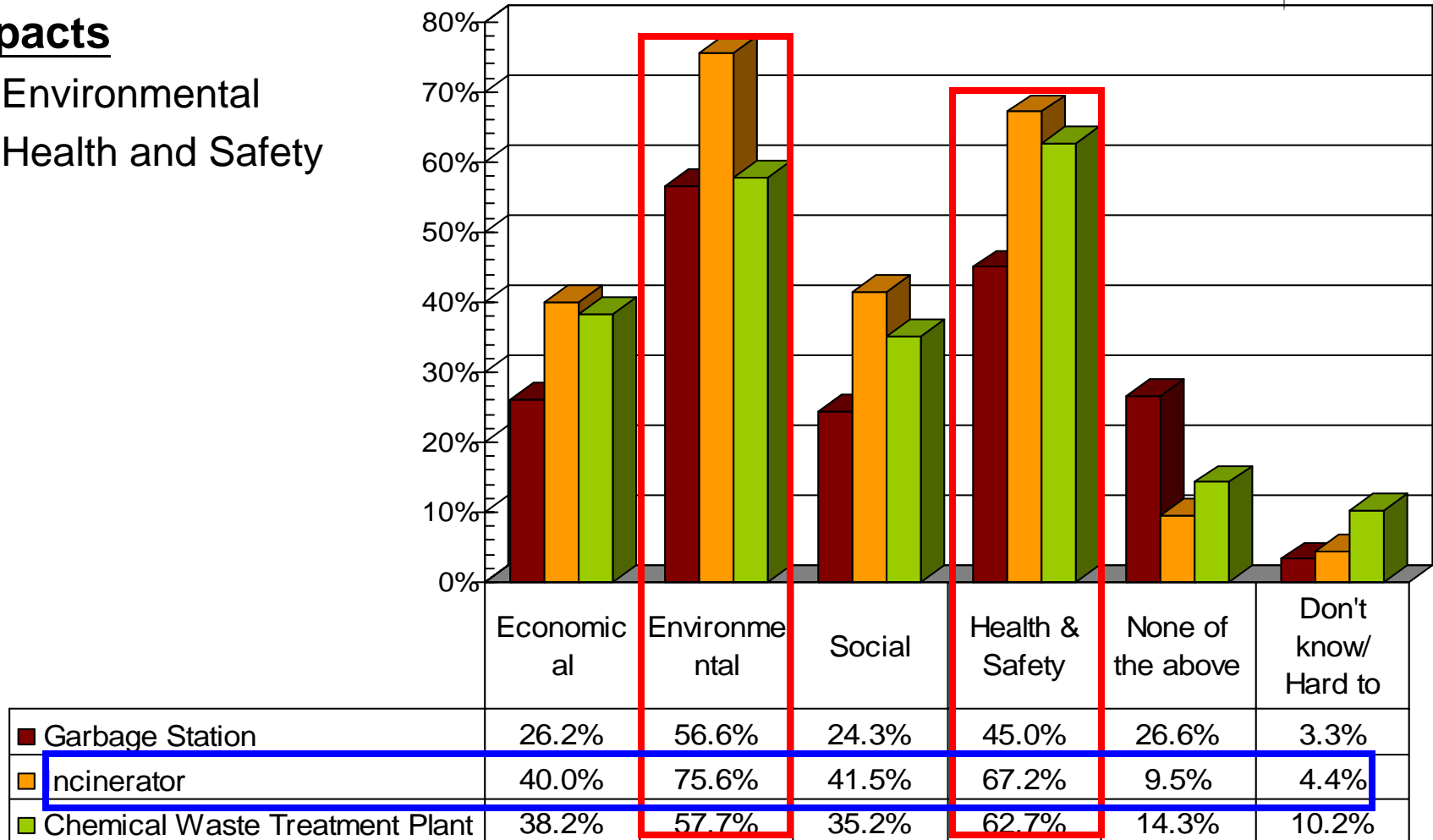
Survey Results



Public Views on the Impacts on Siting Locally Unwanted Facilities

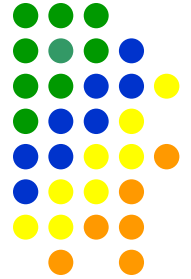
Impacts

- Environmental
- Health and Safety



Impacts

Survey Results



Risk Perception

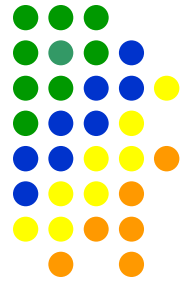
- What do you think of the degree of **risk perception** on the following facilities?

	Risk Perception					Don't know/ Hard to say
	1 ←————→ 5					
	No risk at all				Extremely high risk	
Garbage Station						
Incinerator						
Chemical Waste Treatment Plant						

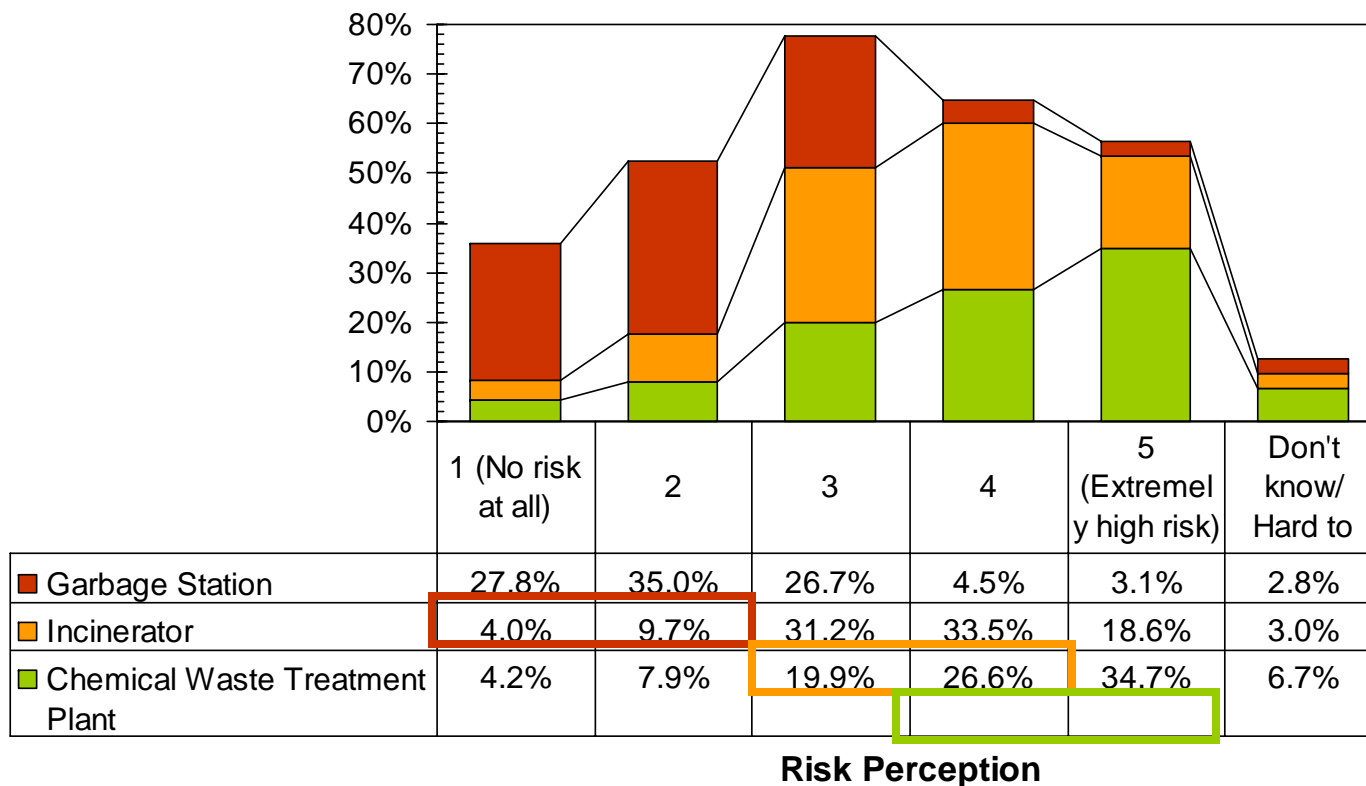
Survey Results

Risk Perception

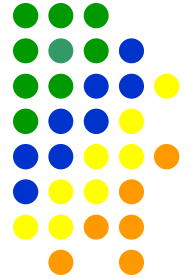
- Chemical Waste Treatment Plant > Incinerator > Garbage Station



Public Views on the Risk Perception on Siting Locally Unwanted Facilities



Survey Results

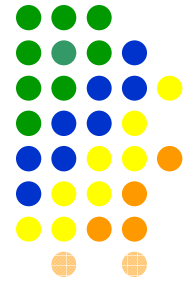


Equity

- For the locally unwanted facilities w/ high risks and negative impacts, what is the degree of equity you think on the following situations?

	Degree of Equity					Don't know/ Hard to say
	1 ←————→ 5					
	Extremely unfair				Extremely fair	
The way gov'n't sites the facilities at the moment						
To concentrate the facilities on one or two area(s)						
To evenly distribute the facilities onto different areas						
To site the facilities per the needs of each areas						
For the well-being of HK, to site the facilities within your district						

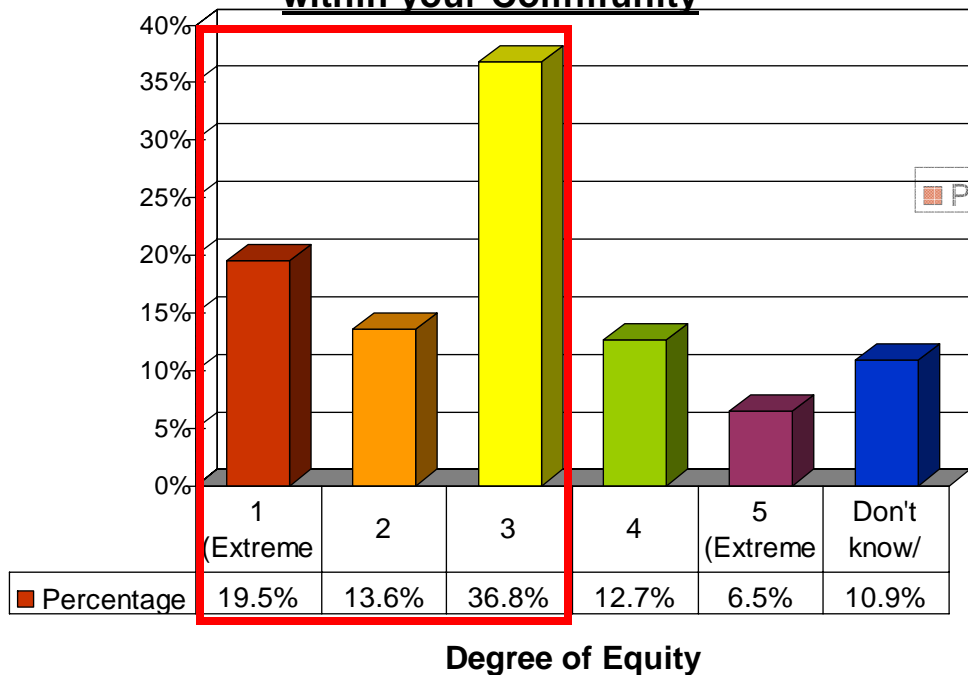
Survey Results



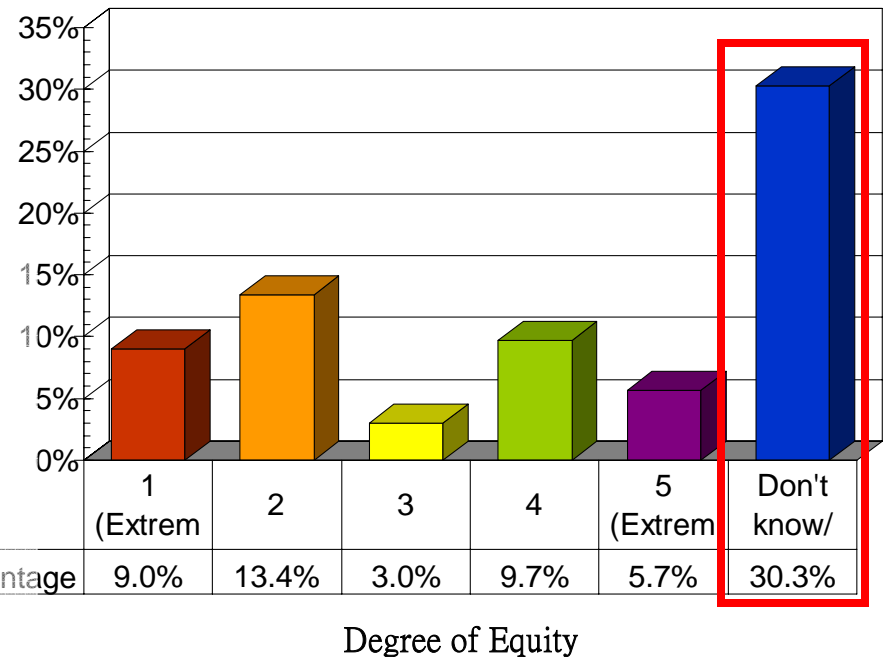
Equity

- Don't know/ understand the way gov'n't sites the facilities
- Overall benefits VS Individual benefits

For the Well-being of HK, to Site the Facilities within your Community

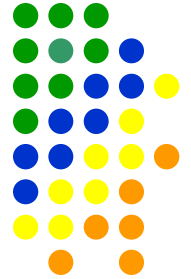


The Way Gov'n't Sites the Facilities at the moment



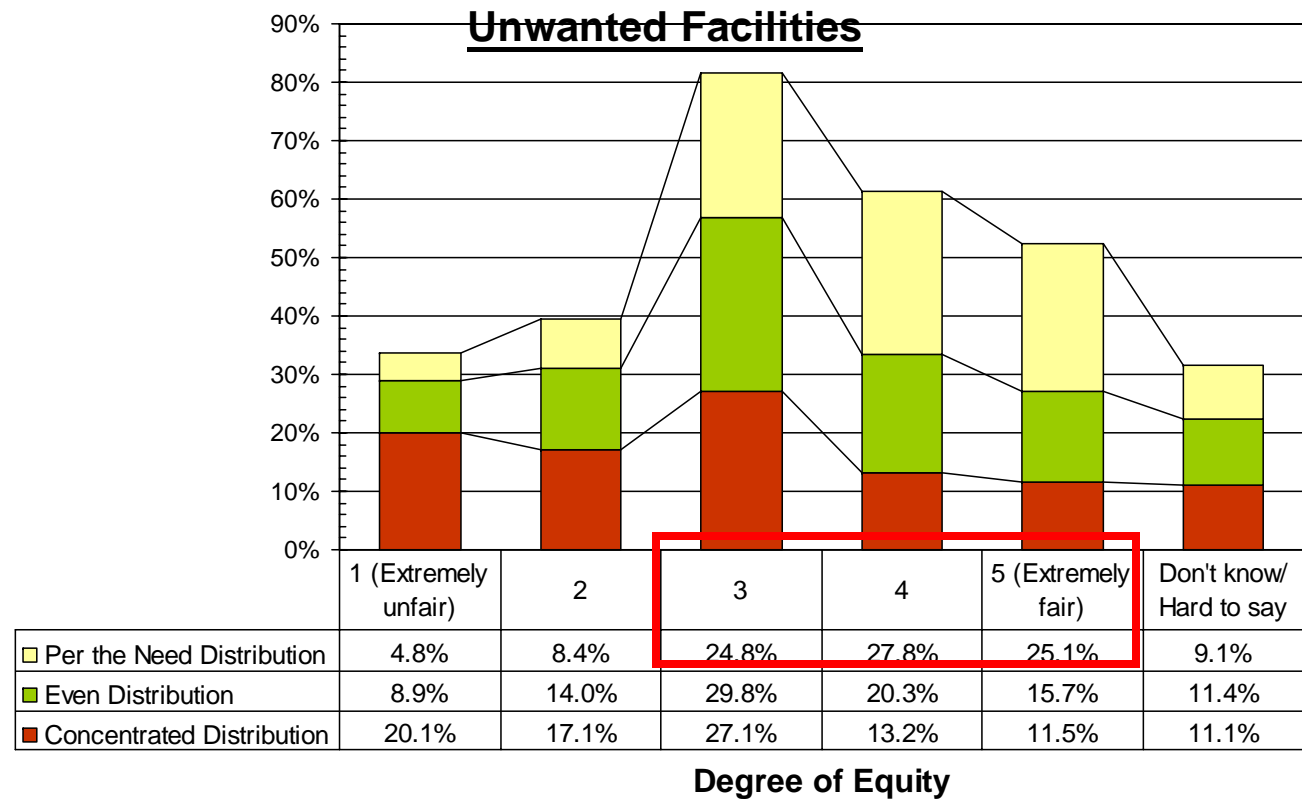
Survey Results

Equity

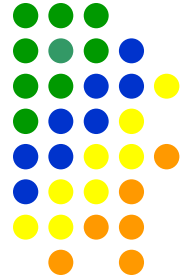


- To site the facilities per the needs of each areas

Public Views on the Distribution on Siting Locally



Survey Results

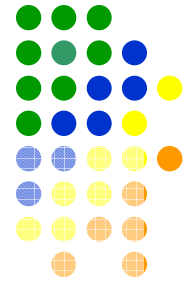


Trust

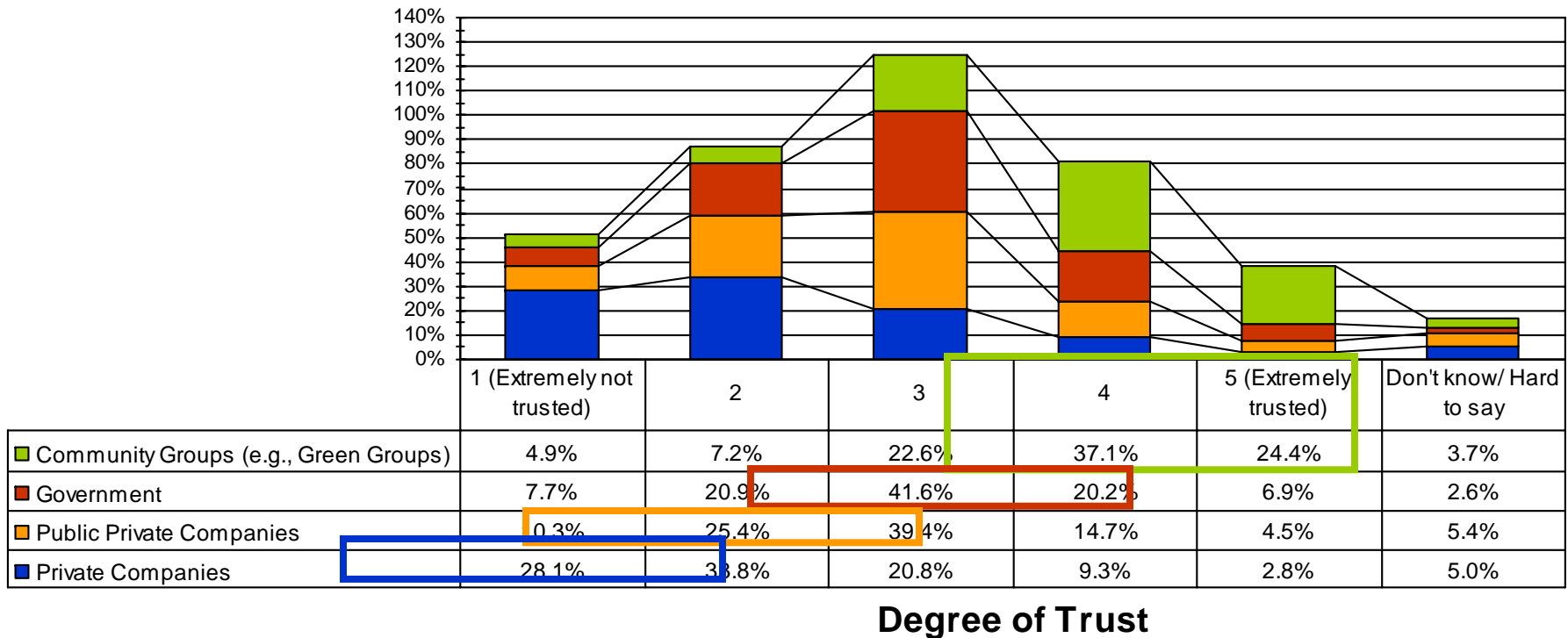
- What is your degree of trust on the decisions made by the following organizations on siting of unwanted facilities with high risks and negative impacts?

	Degree of Trust					Don't know/ Hard to say
	1 ←————→ 5					
	Extremely not trusted				Extremely trusted	
Government						
Private Companies						
Public private organisations						
Community Groups (e.g. Green Groups)						

Survey Results



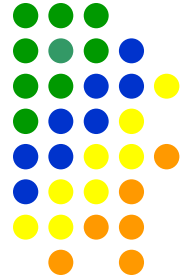
Public Views on the Degree of Trust on Siting Locally Unwanted Facilities



Degree of Trust

- Community groups > Government > Public private organisations > Private Companies

Survey Results



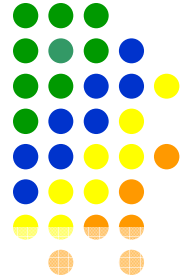
Public Participation

- When the government is siting the facilities with high risks and negative impacts, what are your opinions on the **public participation** process?

	Degree of Consent					Don't know/ Hard to say
	1 ←————→ 5					
	Extremely not agreeable				Extremely agreeable	
The channels of public participation is sufficient at the moment						
Public participation is influential to government's decisions						
Public participation enhances the building of social consensus on the issues of facilities siting						

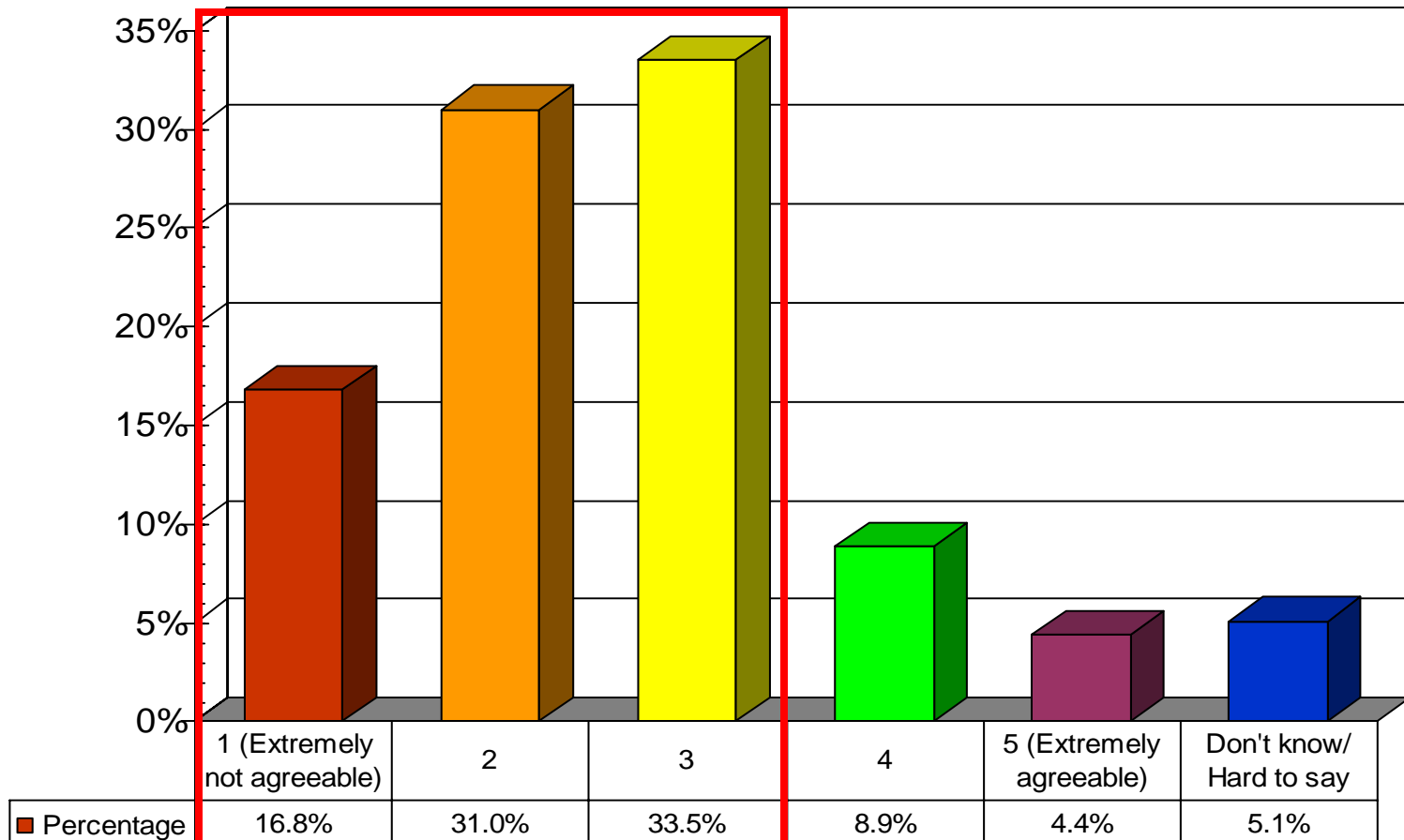
Survey Results

Public Participation



The Channel of Public Participation is Sufficient

- Not sufficient

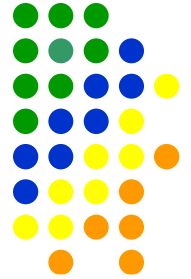


Degree of Consent

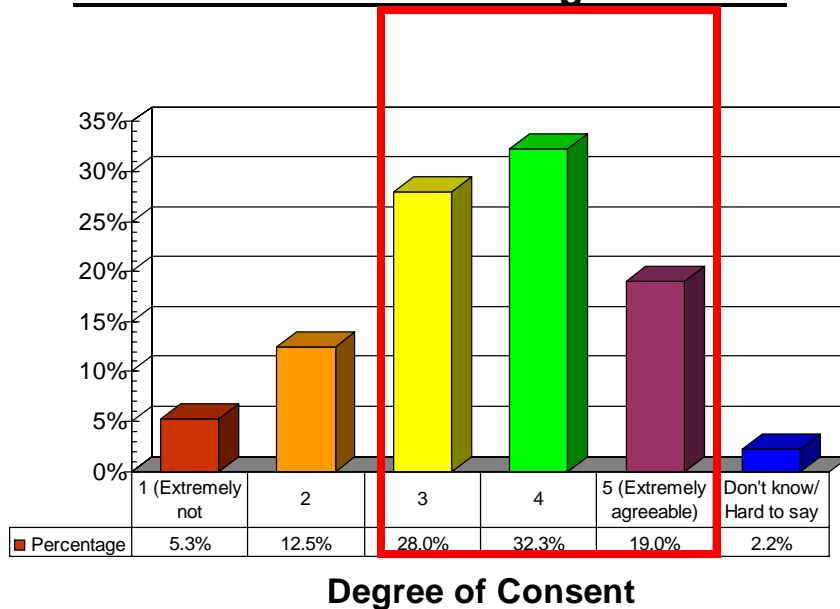
Survey Results

Public Participation

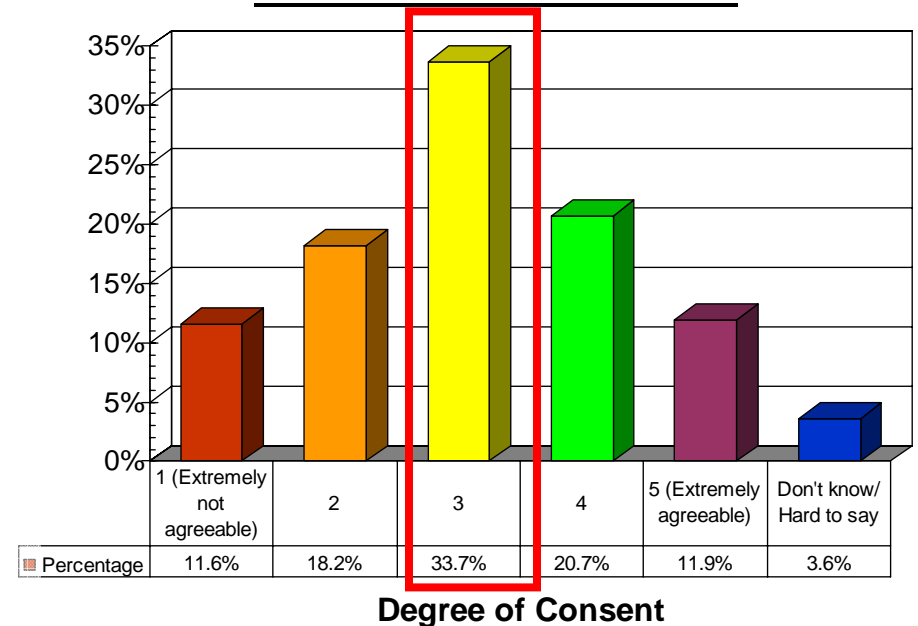
- The public has different views on whether public participation is influential to the government's decision
- Public participation helps to enhance the common ground on siting decisions



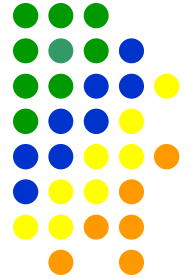
Public Participation Helps to Enhance the Common Ground on Siting Decisions



Public Participation is Influential to the Government's Decision



Survey Results



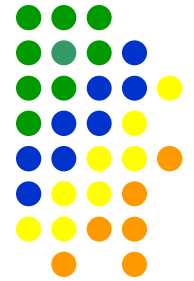
Conflict Resolution

- If the following measures are to be implemented, would they be effective to relief your resistance towards the siting of LULUs in your neighborhood?

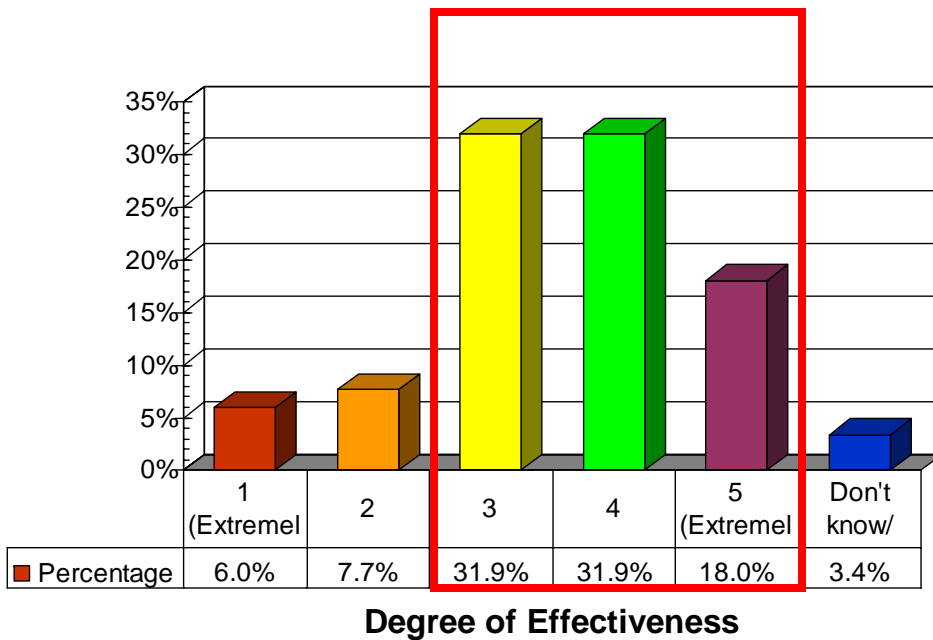
	Degree of Effectiveness					Don't know / Hard to say
	1 ←————→ 5					
	Extremely ineffective				Extremely effective	
To explain to the public the needs of facilities siting						
To implement effective environmental monitoring and regular safety check						
To increase the channels of public participation and to collect public views						
To provide compensation						

Survey Results

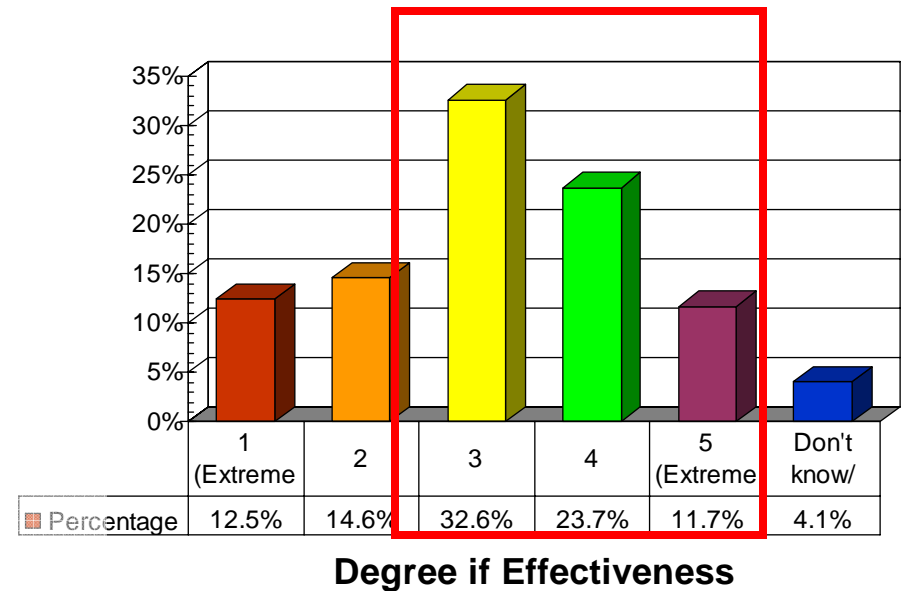
Conflict Resolution



To Implement Effective Environmental Monitoring and Regular Safety Check

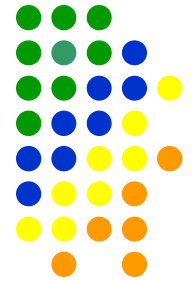


To Explain to the Public the Needs of Facilities Siting



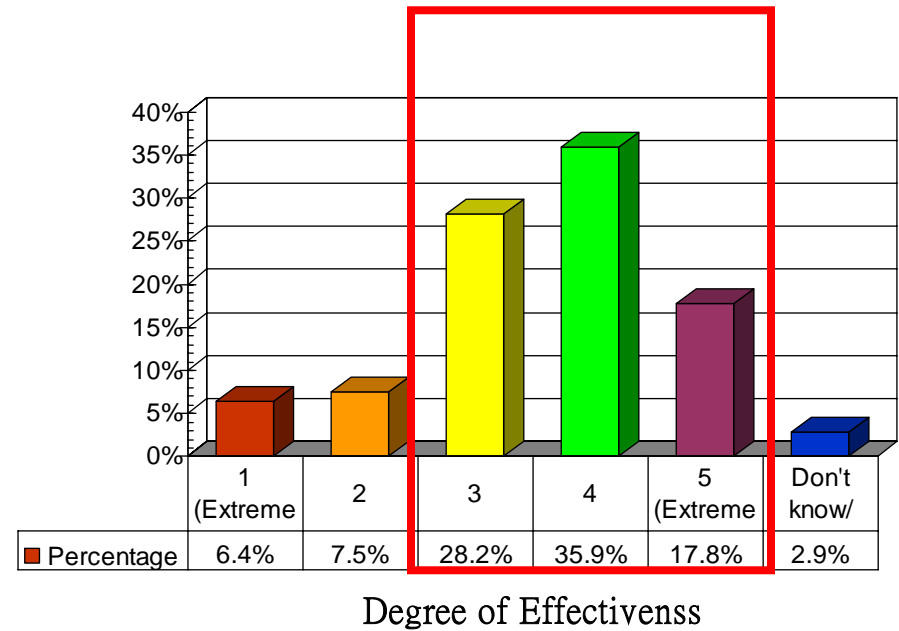
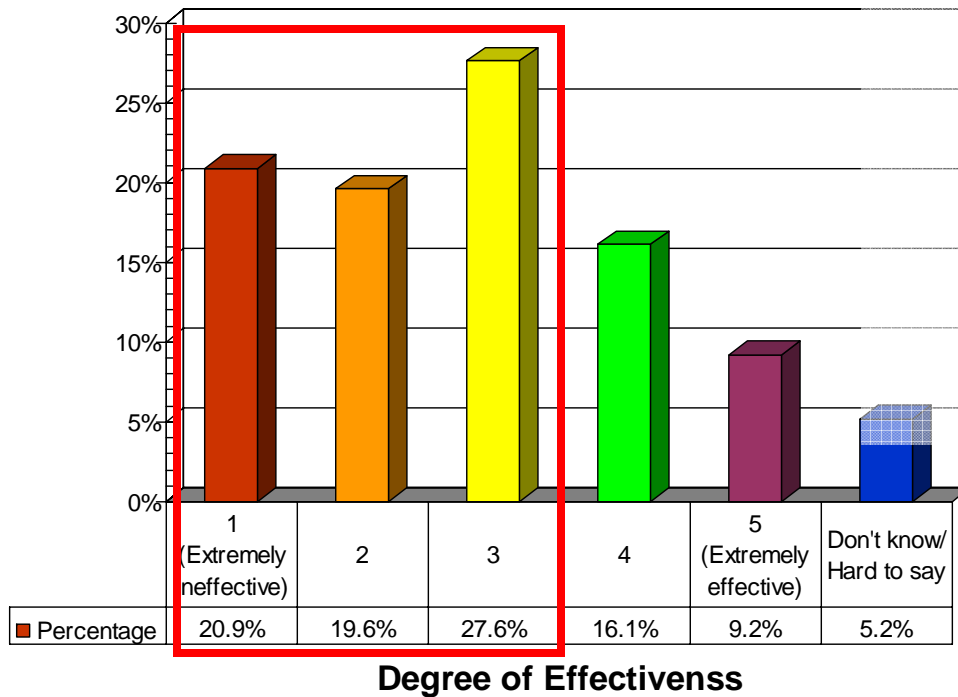
Survey Results

Conflict Resolution

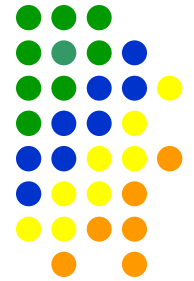


To Increase the Channels of Public Participation and To Collect Public Views

To Provide Compensation



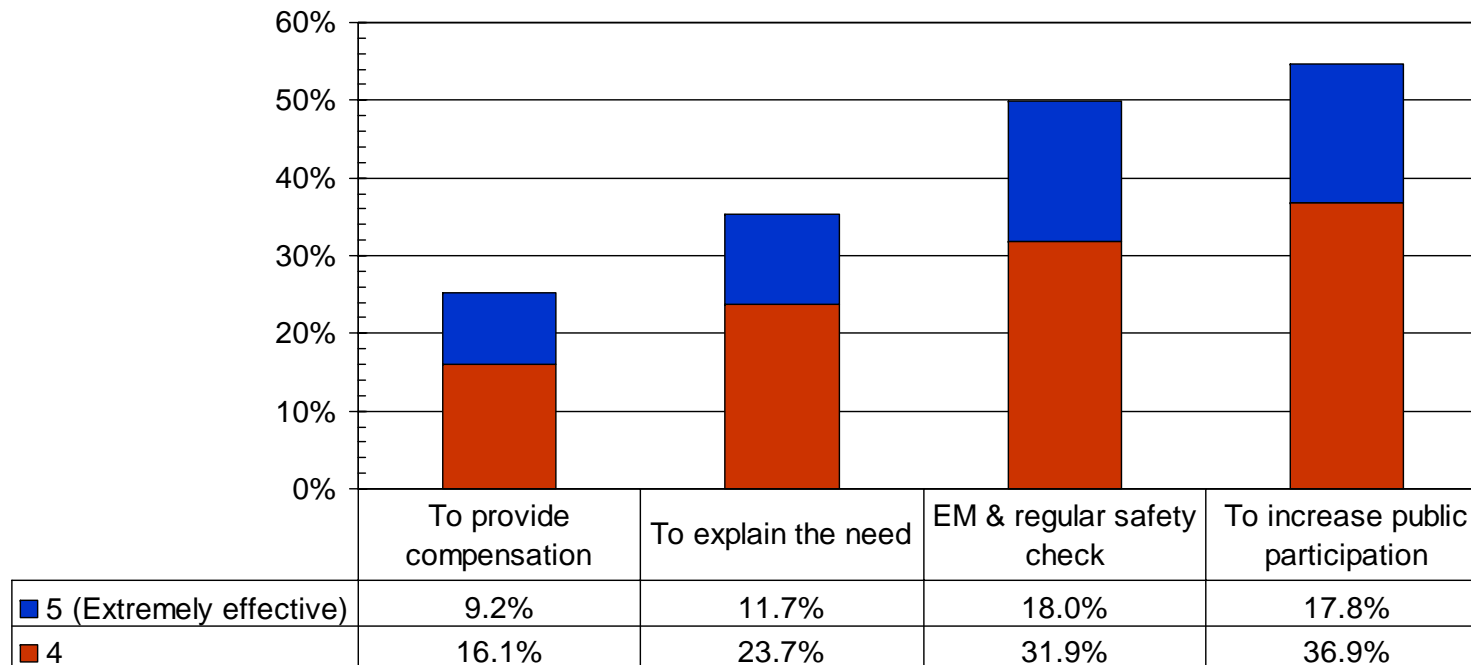
Survey Results



Conflict Resolution

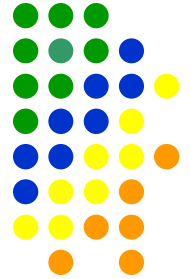
- To increase the channels of public participation > Environmental monitoring and regular safety check > To explain to the public the need > To provide compensation

The Policy Tools Comparison on Conflict Resolution



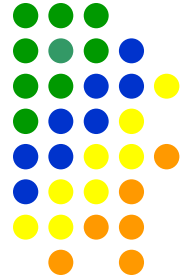
Policy Tools

Conclusion



- The NIMBY, Not-In-My-Back-Yard, phenomenon confirms the need of LULUs in the whole society, but the need may not be recognised/ agreed by local communities
- The public has **different perceptions and level of acceptance on different LULUs**, thus, strategy for facility siting requires flexibilities.
- The public is concerned about the **environmental and health/ safety** impacts
- About 30% of the public **does not know/ understand how the government sites the LULUs in Hong Kong**
- About 50% of the public thinks that it is fair **to site the facilities based on the need of the districts**

Conclusion



- The public thinks that **Community Groups are the most trustworthy** on the decisions of facility siting
 - Community Groups (61.1%) > Government (27.1%) > Public private organisations (19.2%) > Private Companies (12.1%)
- More than 50% of the public thinks that the **government does not provide sufficient channels for public participation**
- **To increase the channels of public participation** and environmental monitoring are considered as more effective policy tools

Thank you