2012 IAFSM ANNUAL CONFERENCE

FLOODPLAIN MANAGEMENT DOWNUNDER

"HOW DO THE AUSTRALIAN'S PERCEIVE FLOODPLAIN MANAGEMENT?"

IAFSM
Illinois Association for Floodplain and Stormwater Management

HOELSCHER ENGINEERING

52nd Floodplain Management Association Conference

Riding the Flood of Change - turning risk into opportunity

21-24 February 2012

Batemans Bay Soldiers Club, Batemans Bay, NSW

MOLINO STEWART
ENVIRONMENT & NATURAL HAZARDS

FLOODPLAIN MANAGER

VOL 7 No. 4

August 2011

CONNECTING AND INFORMING AUSTRALIAN FLOODPLAIN MANAGERS

QLD FLOOD INQUIRY REPORT

INSIDE	
Editorial	2
Victorian Flood Fallout: Report	2
Diary	3
Call for Abstracts: 2012 FMA	3
Emergency Management Course	3
Qld Flood Inquiry Report cont.	4
Report helps community	7

Queensland Premier Anna Bligh has received the Queensland Floods Commission of Inquiry Interim Report into the devastating January floods from Commissioner Catherine Holmes. The report made 175 recommendations across six topic areas – 104 of the recommendations apply to the State Government, 65 to local governments and six to the Commonwealth. The Commission received more than 660 written public submissions and during the seven weeks of hearings heard evidence from 167 witnesses. The Commission's second report is due on 24 February 2012, and will examine

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FLOODPLAIN MANAGEMENT HAS NO BOUNDARIES !

WHERE IS BATEMANS BAY ?

BATEMANS BAY

AUSTRALIA AND THE U.S.
A REFRESHER.....

POPULATION
22 VS. 312 MILLION

STATES
7 VS. 50

AVG. SIZE OF STATE
423,000 VS. 76,000 SQ MI

POP DENSITY
7 VS. 82 !

THE AUSTRALIAN CONNECTION

Paul Osman

a.k.a. "OZ"

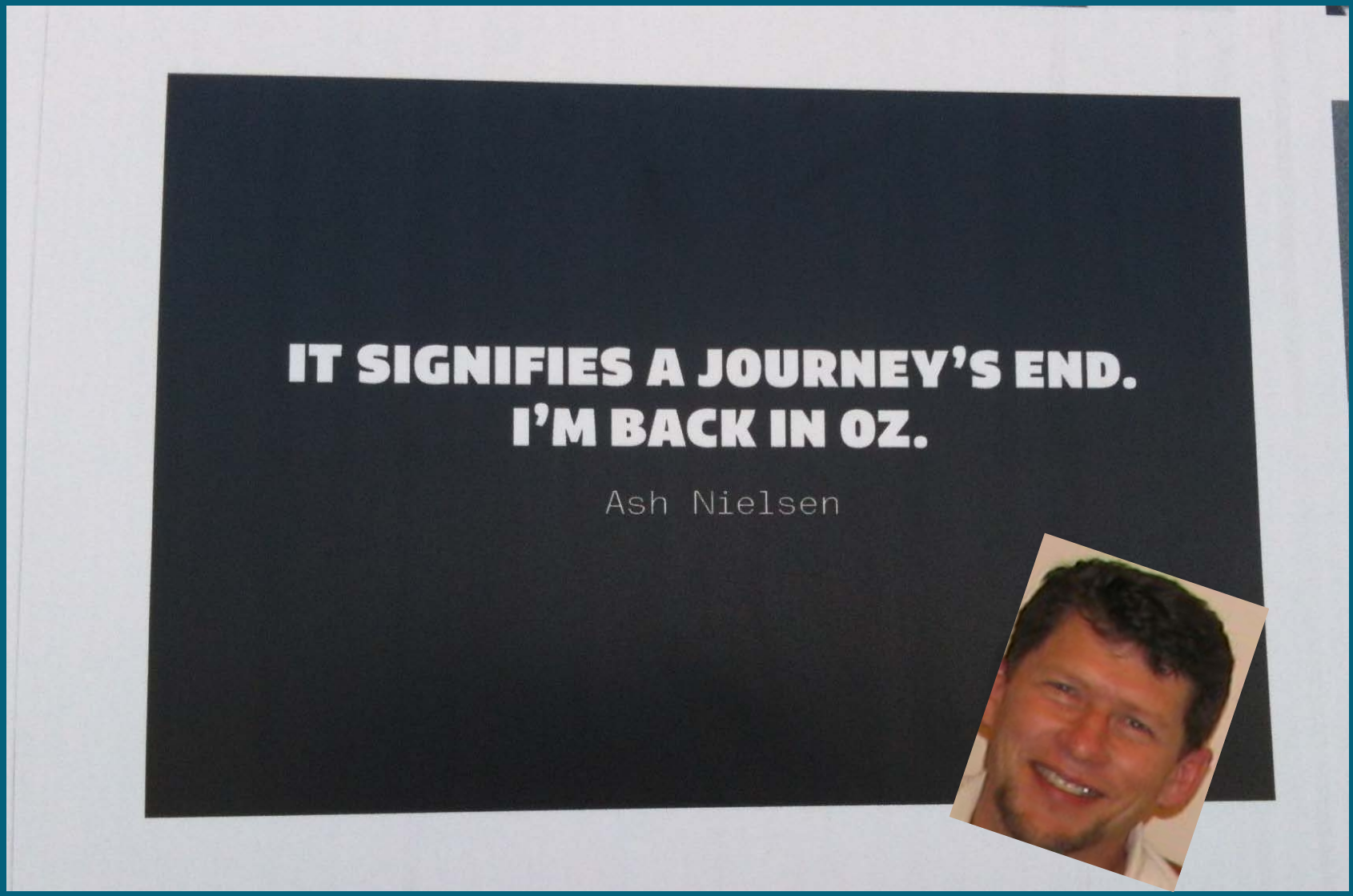
Ian Dinham

NEW a.k.a.

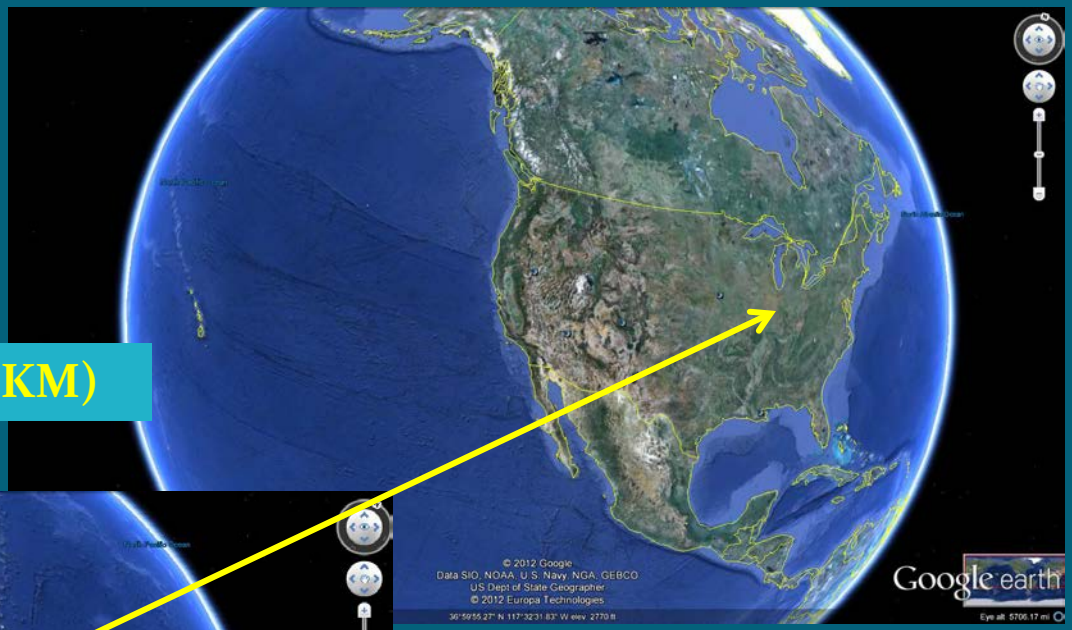
"SMOOTH"

2010 IAFSM CONFERENCE
CHICAGO, ILLINOIS

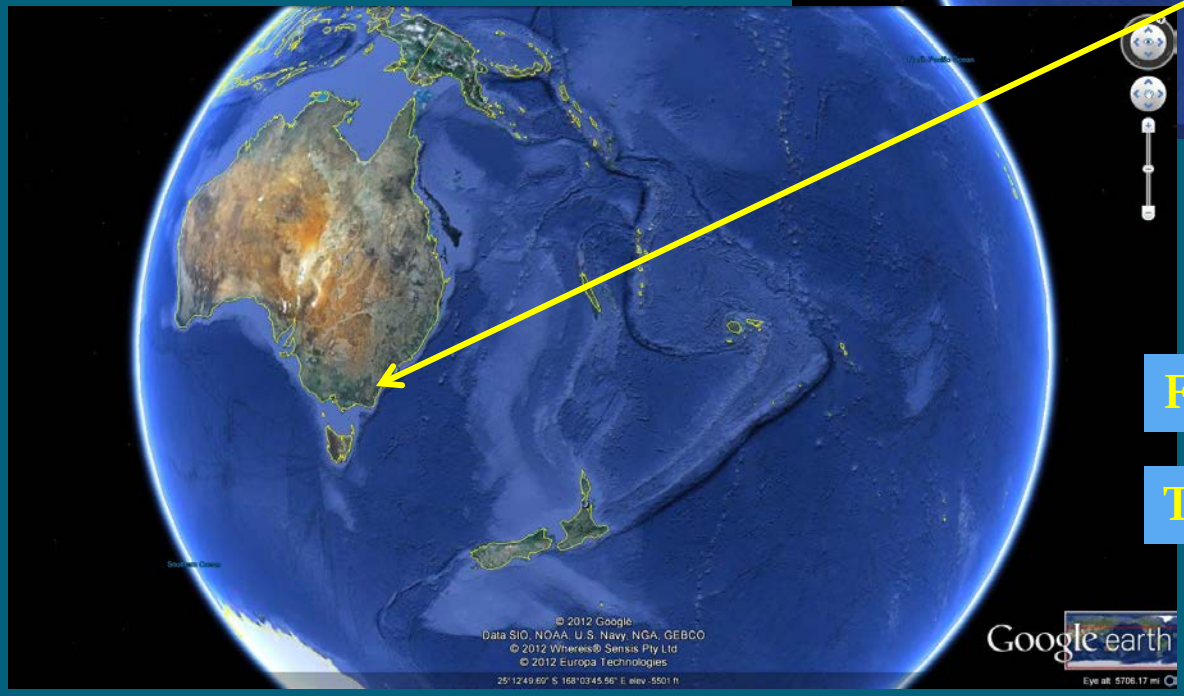
IT IS “OZ” LAND....PROOF!



HOW FAR TO "OZ" ?



9300 MILES (15,000 KM)



FLIGHT TIME = 20 HOURS

TRAVEL TIME = 32 HOURS

LANGUAGE BARRIER?

LANGUAGE BARRIER?

LANGUAGE BARRIER?

LANGUAGE BARRIER?

LANGUAGE BARRIER?

LANGUAGE BARRIER?

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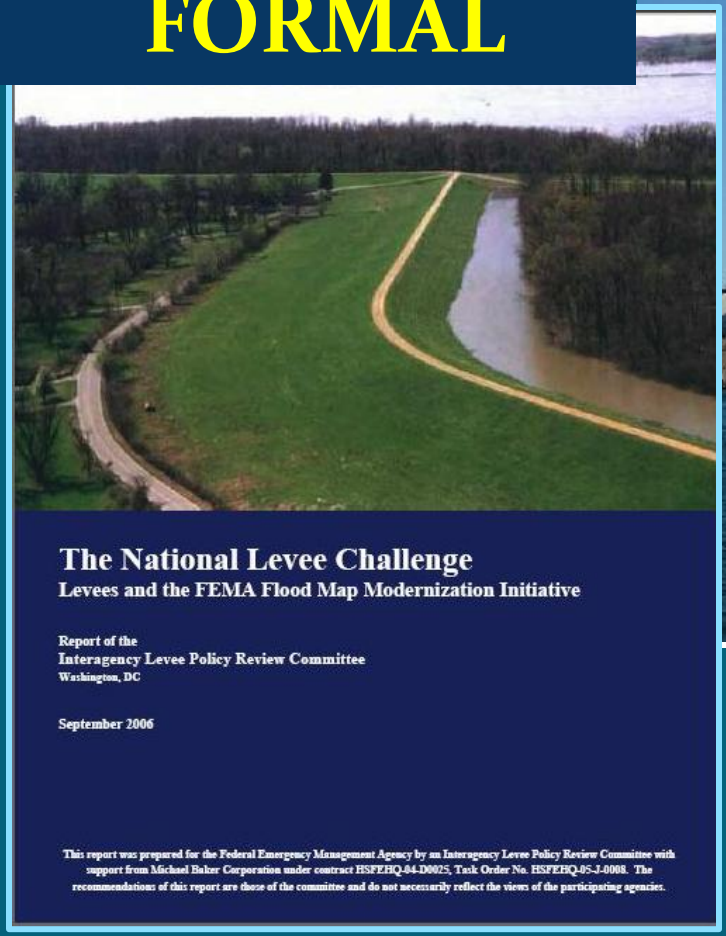
LANGUAGE BARRIER?

THE GREAT AMERICAN
LEVEE CHALLENGE:
Flood Protection
or
Risk Reduction ?

SURVEY QUESTIONS

FORMAL



INFORMAL

INFORMAL

QUESTION 1

IS FOSTER'S AUSTRALIAN FOR BEER?

INFORMAL

QUESTION 2

DOES A FLUSHED TOILET SWIRL COUNTER CLOCKWISE IN AUSTRALIA?

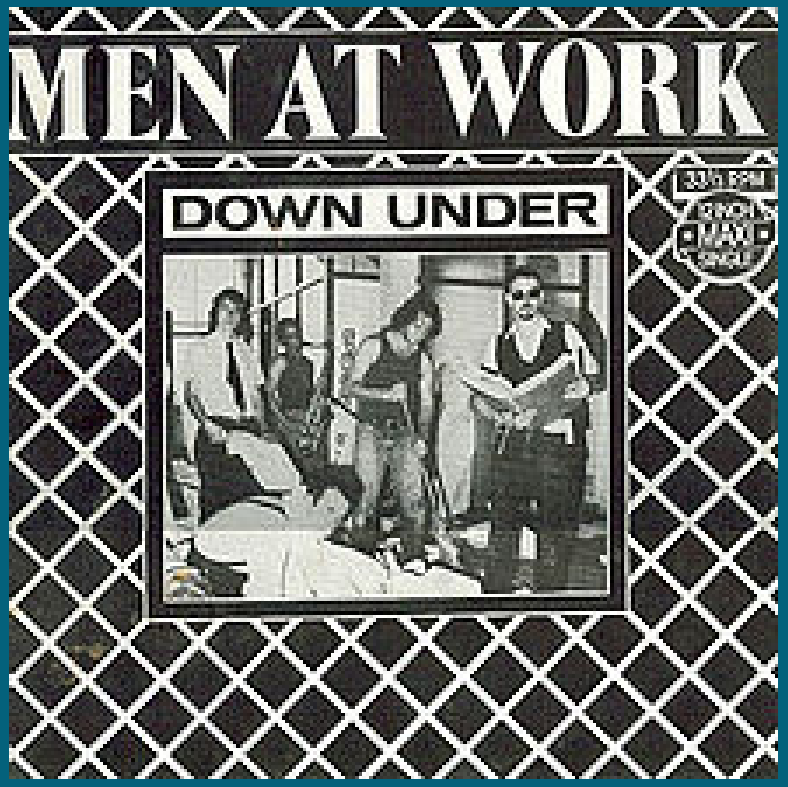
INFORMAL

QUESTION 3

WHAT IS “DOWN UNDER”?

"where the beer does flow and men chunder”

"chunder" = vomit!



INFORMAL

QUESTION 4

WHAT IS A "TASMANIAN DEVIL"?

GETTING DOWN TO BUSINESS!

FLOODPLAIN MANAGEMENT DOWNUNDER

"HOW DO THE AUSTRALIAN'S PERCEIVE FLOODPLAIN MANAGEMENT?"

FORMAL SURVEY QUESTIONS

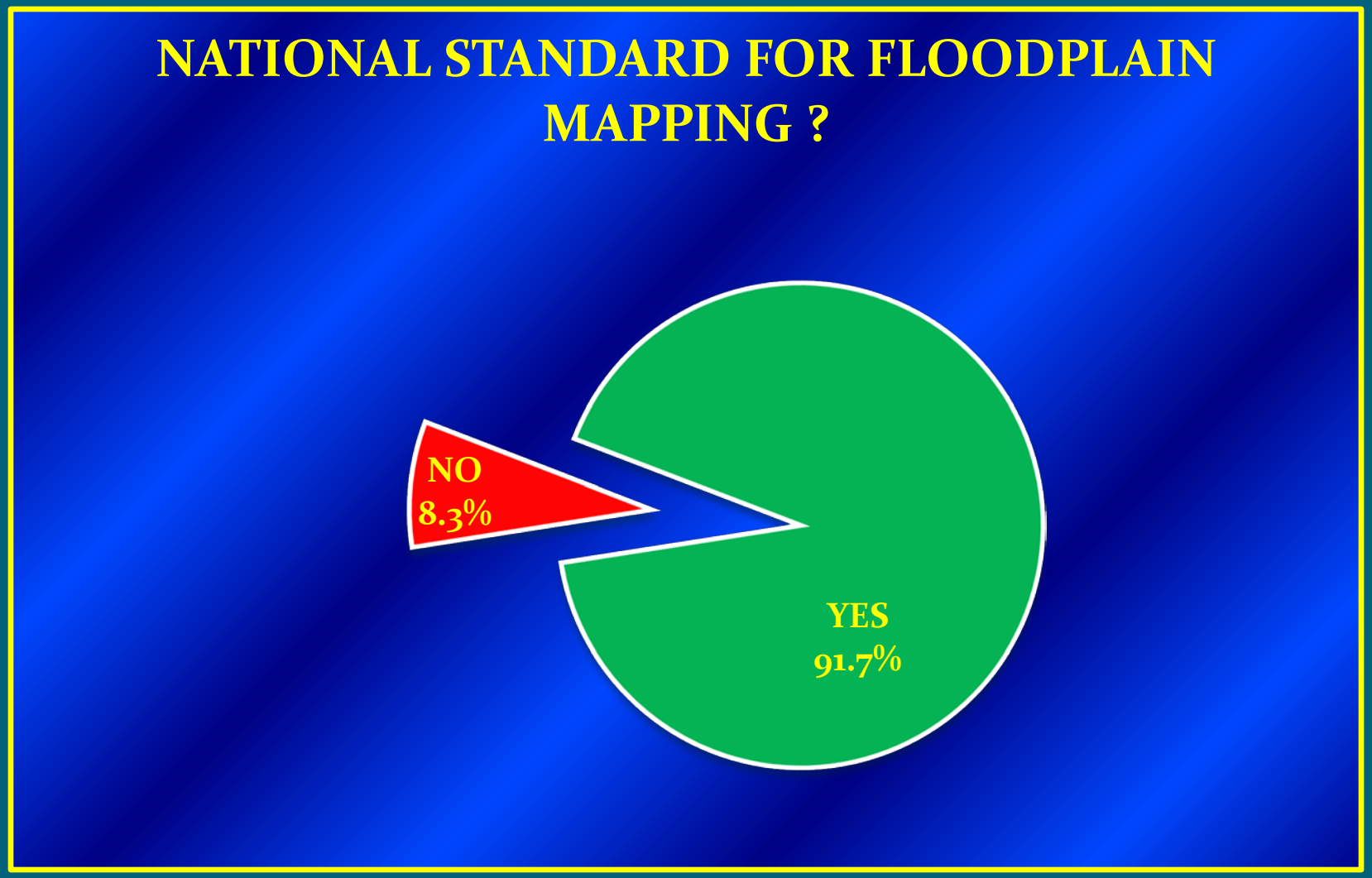
- RESPONDENTS FROM 3 STATES
  - QUEENSLAND
  - NEW SOUTH WALES
  - VICTORIA

FORMAL SURVEY QUESTIONS

- SIX CATEGORIES – 32 QUESTIONS
  - MAPPING – 6
  - REGULATION - 4
  - LEVEES - 9
  - INSURANCE - 5
  - POLITICAL - 7
  - GENERAL -1

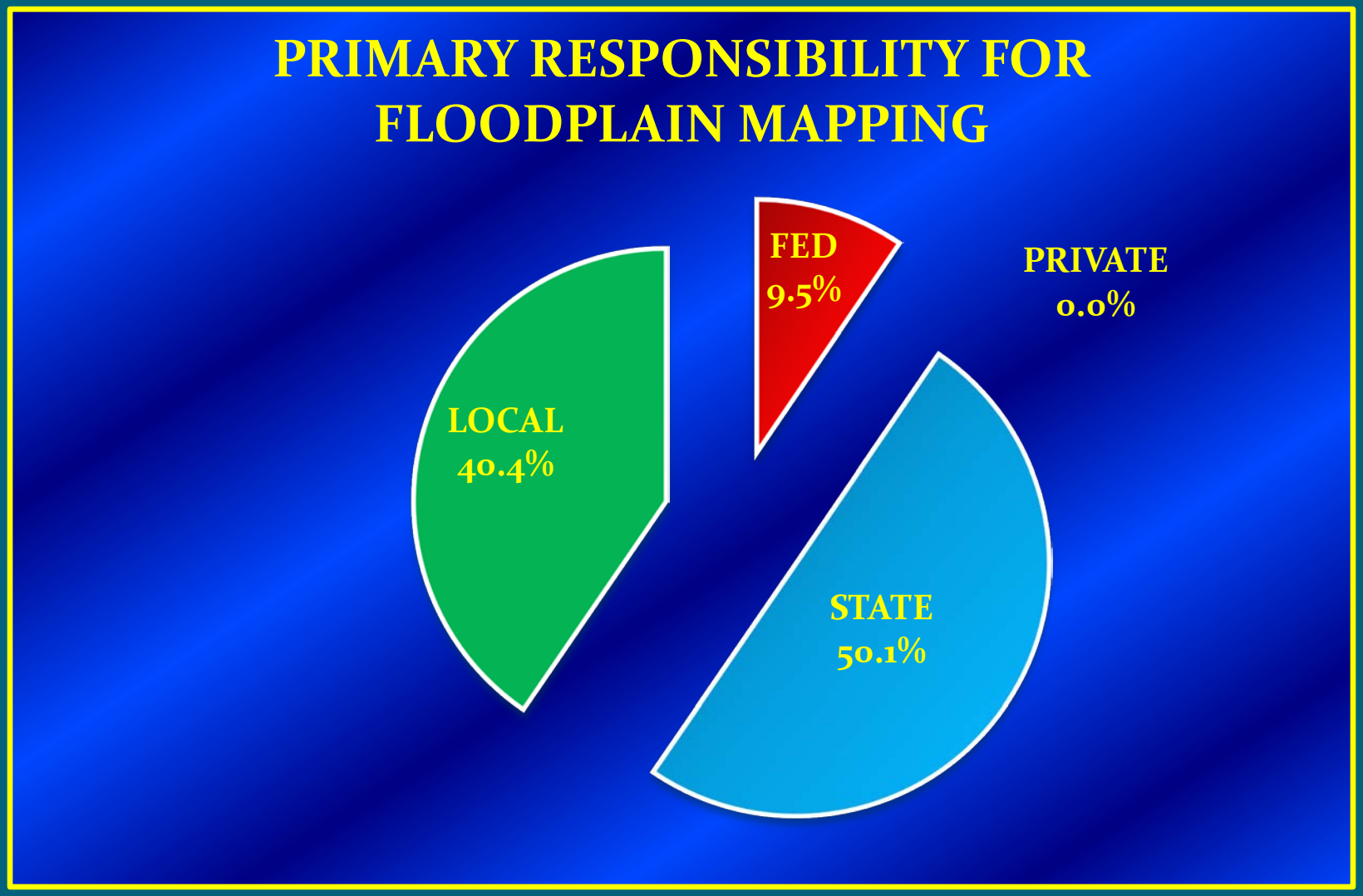
FORMAL SURVEY QUESTIONS

MAPPING



FORMAL SURVEY QUESTIONS

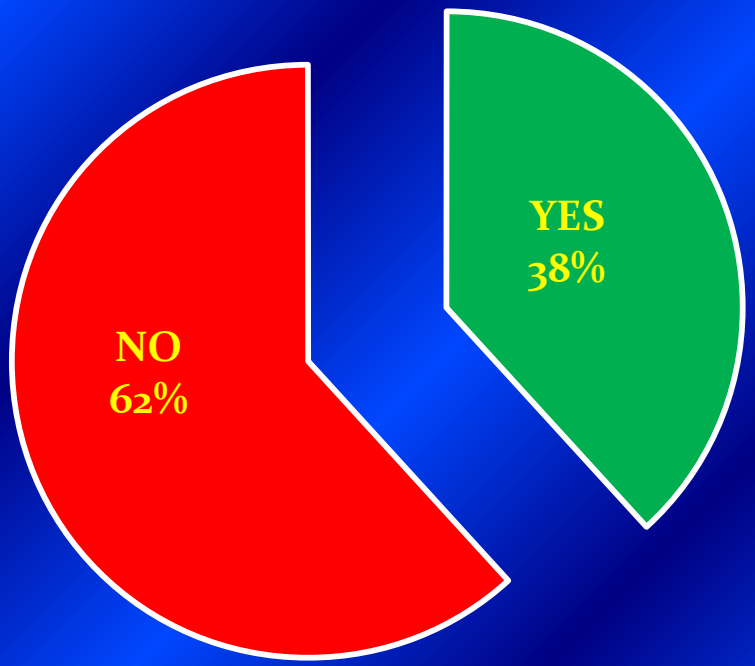
MAPPING



FORMAL SURVEY QUESTIONS

MAPPING

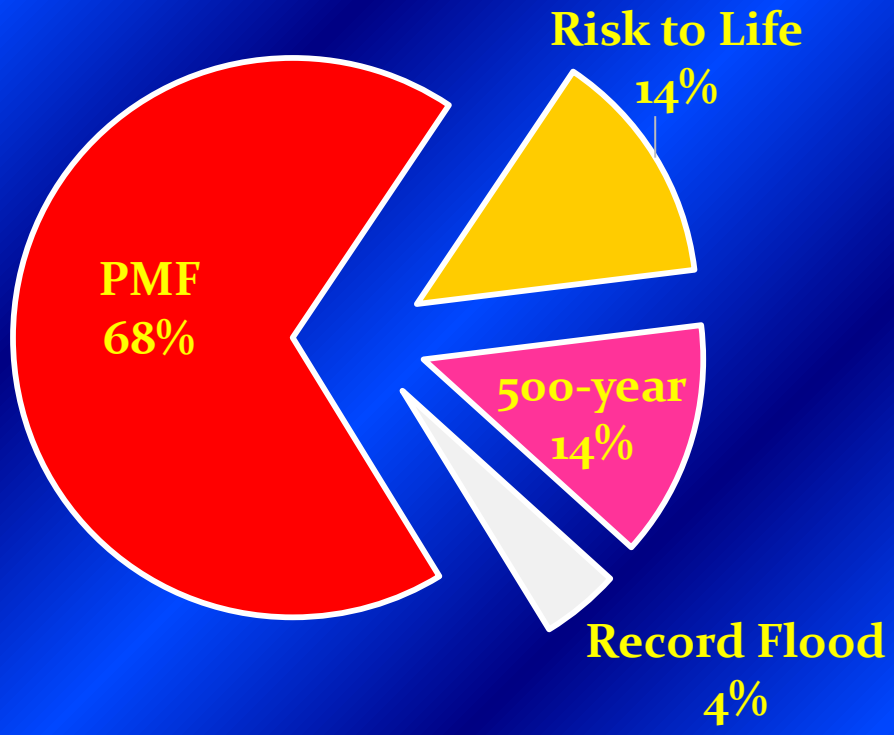
SHOULD 100-YEAR BE USED AS A NATIONAL STANDARD FOR MAPPING?



FORMAL SURVEY QUESTIONS

MAPPING

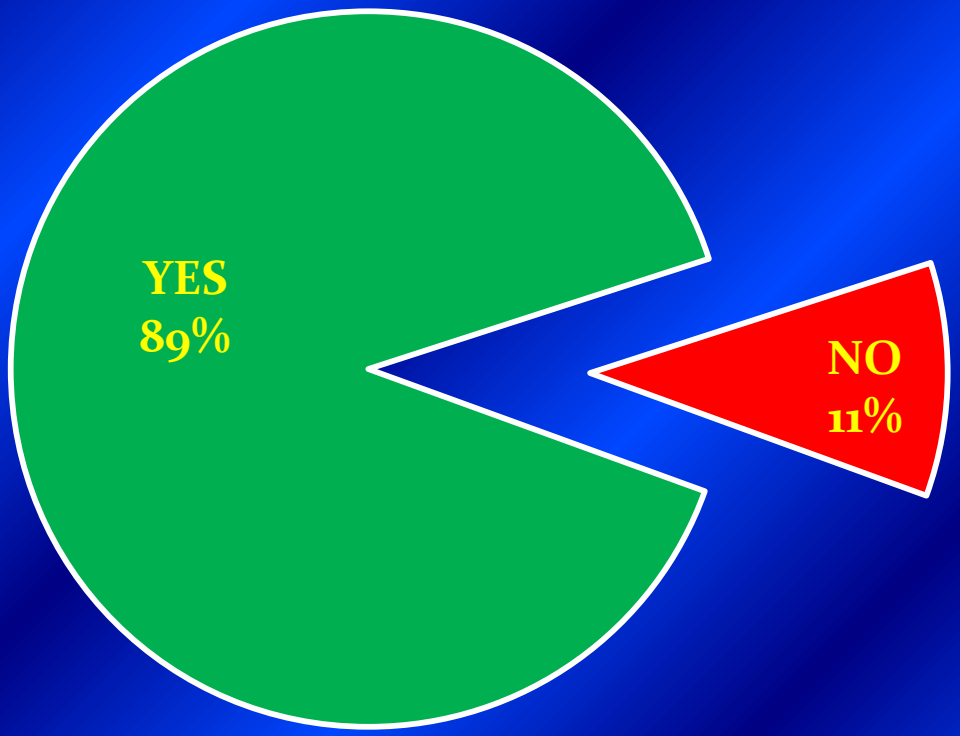
WHAT EVENT SHOULD BE USED TO MAP FLOODPLAINS?



FORMAL SURVEY QUESTIONS

MAPPING

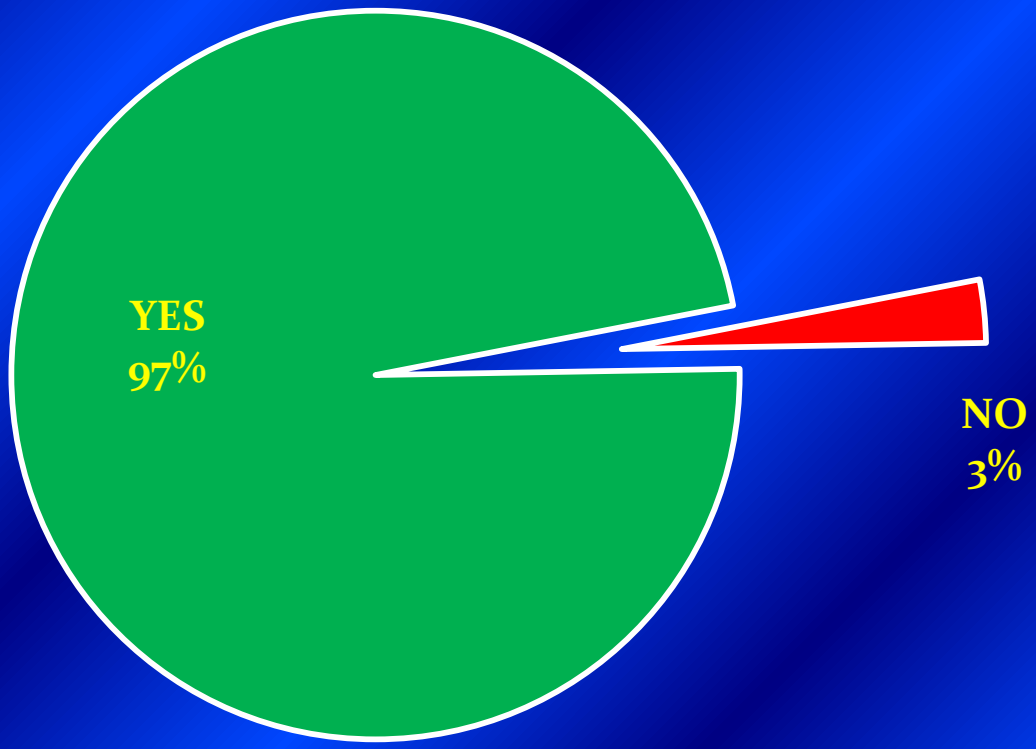
MAPS SHOULD INCLUDE DAM/LEVEE BREACH INUNDATION AREAS ?



FORMAL SURVEY QUESTIONS

REGULATION

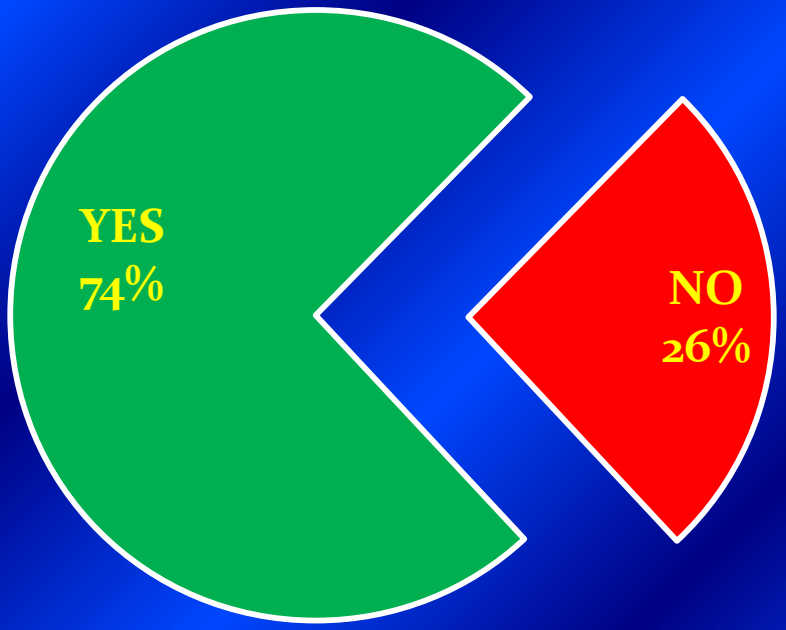
SHOULD ALL COMMUNITIES BE REQUIRED TO HAVE FLOODPLAIN REGULATIONS?



FORMAL SURVEY QUESTIONS

REGULATION

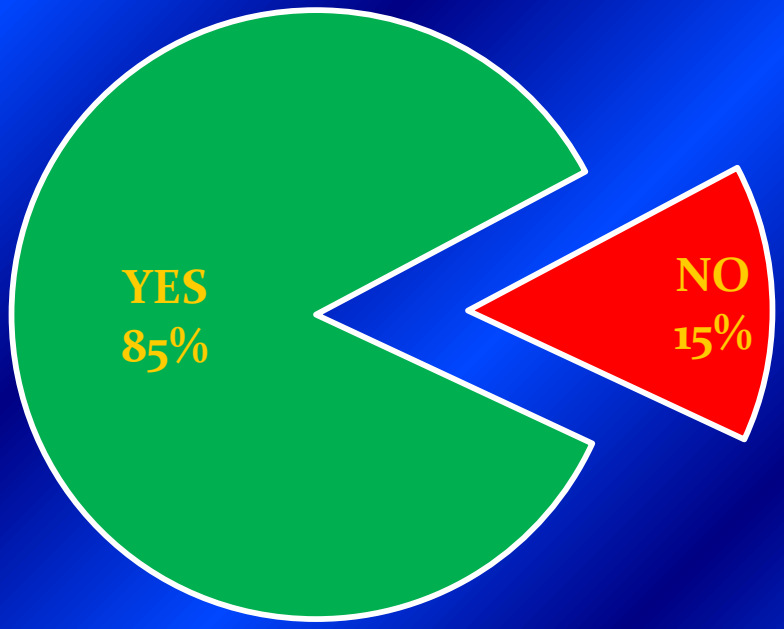
PENALTIES OR FINES FOR COMMMUNITIES THAT ALLOW "RISKY" DEVELOPMENT?



FORMAL SURVEY QUESTIONS

REGULATION

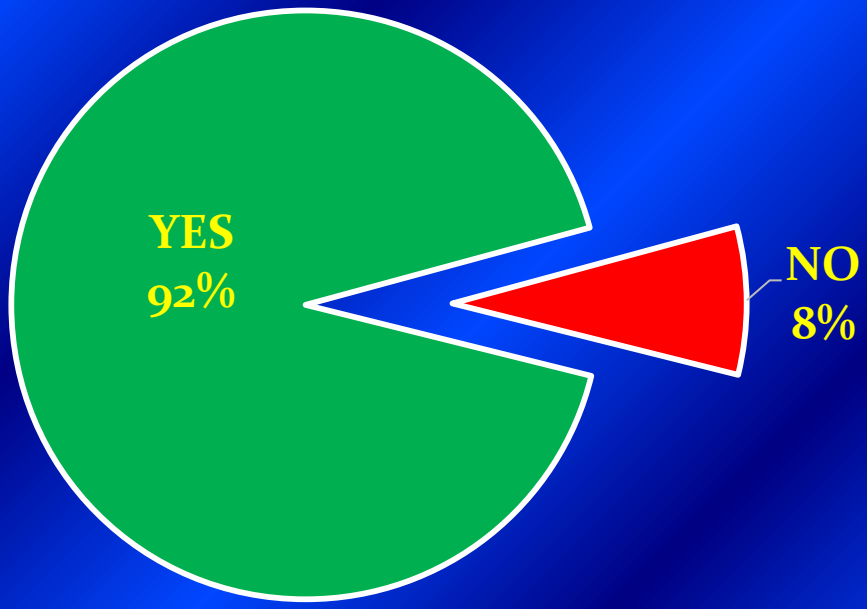
REQUIRED ELEVATION OR DEMOLITION FOR REPETITIVELY DAMAGED STRUCTURES ?



FORMAL SURVEY QUESTIONS

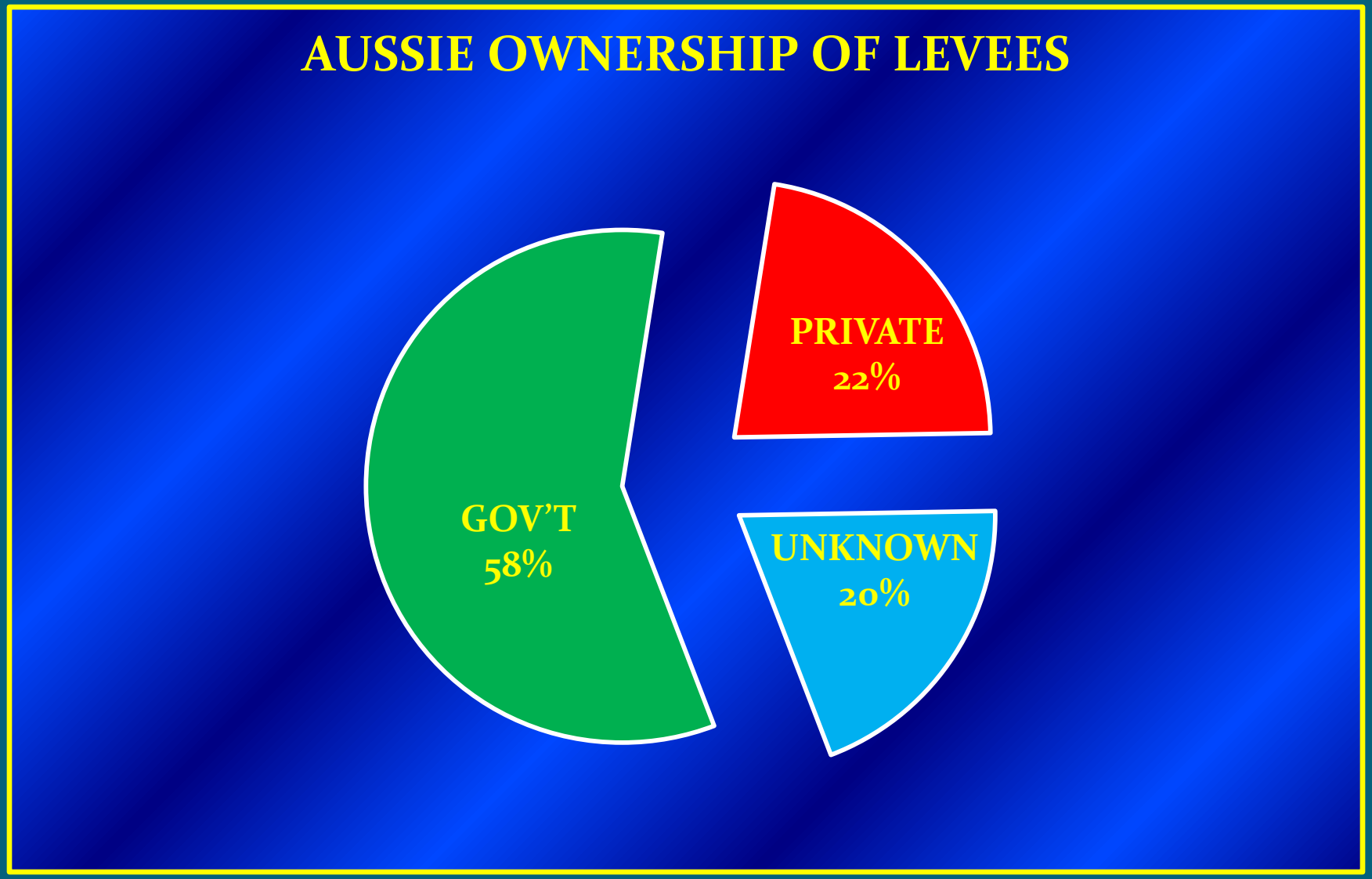
REGULATION

FEDERAL INCENTIVES FOR ABOVE AND BEYOND FPM ?



FORMAL SURVEY QUESTIONS

LEVEES

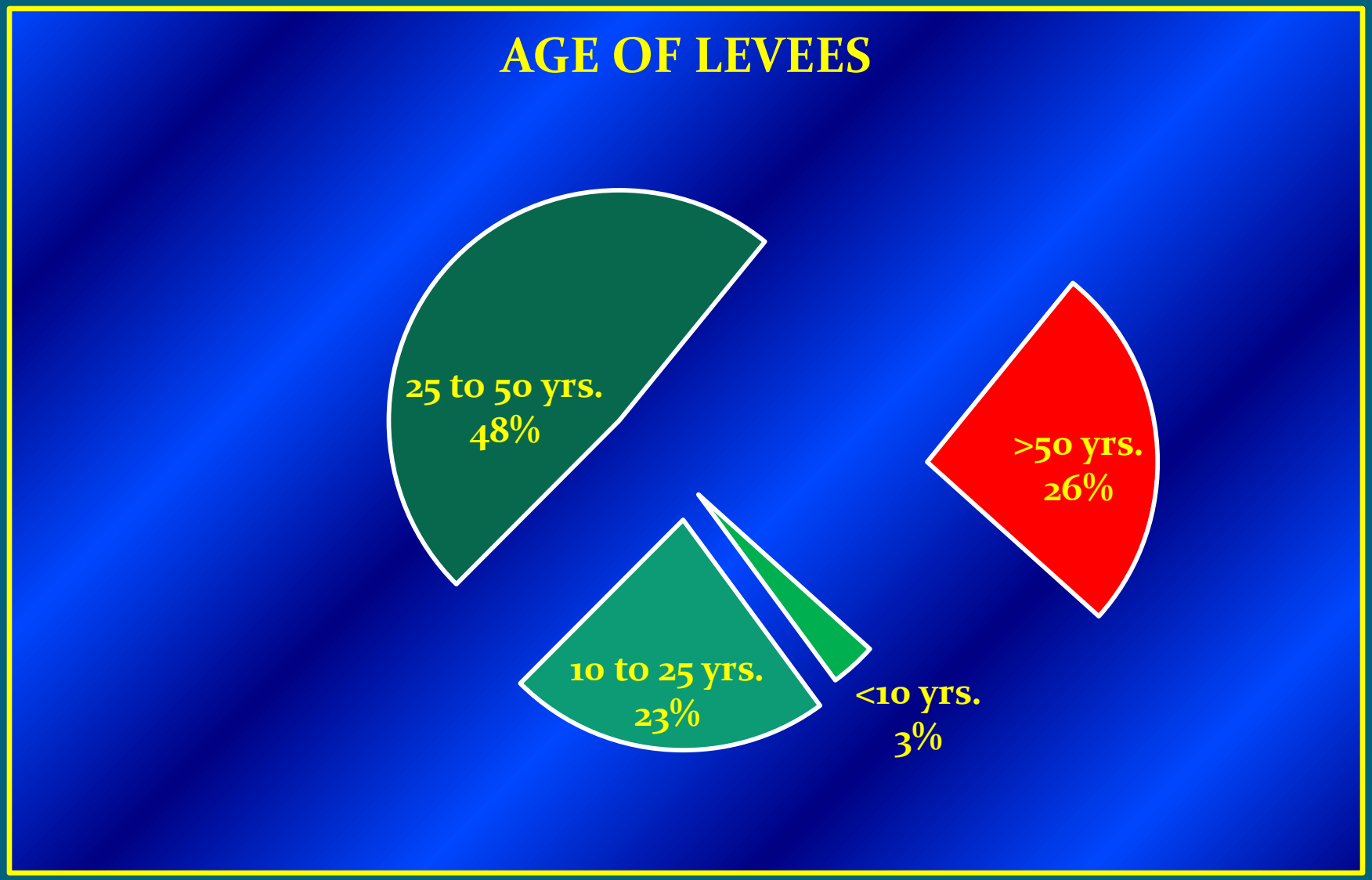


FORMAL SURVEY QUESTIONS

LEVEES

FORMAL SURVEY QUESTIONS

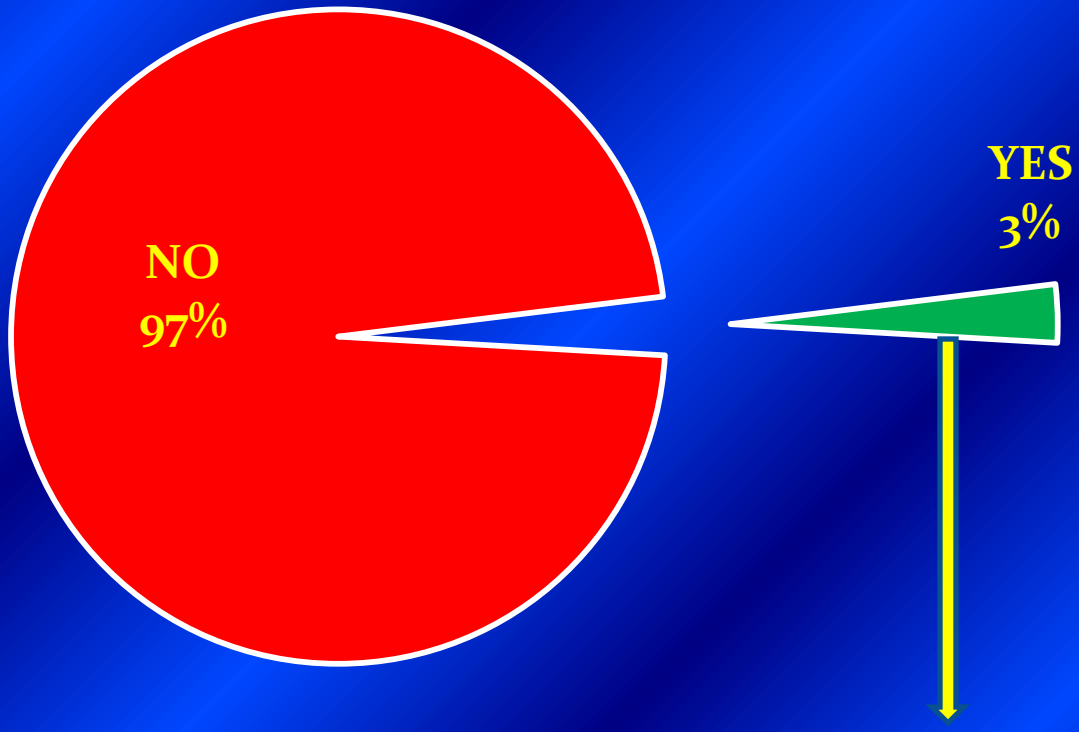
LEVEES



FORMAL SURVEY QUESTIONS

LEVEES

RESIDUAL RISK ADEQUATELY CONVEYED?

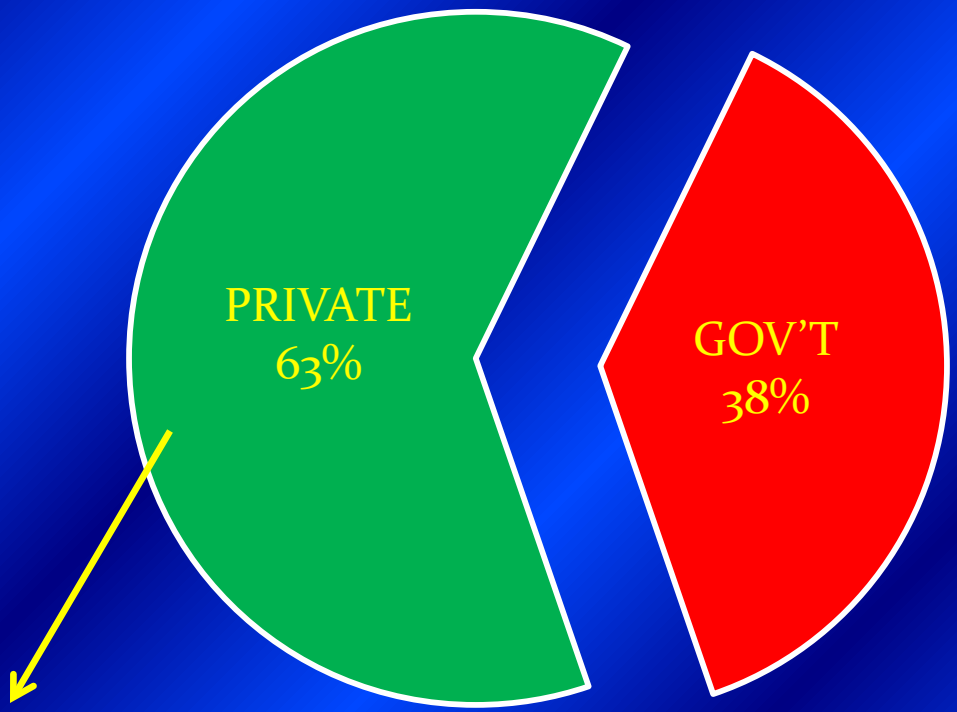


AUS EM BETTER THAN USA!

FORMAL SURVEY QUESTIONS

INSURANCE

FLOOD INSURANCE ADMINISTERED BY

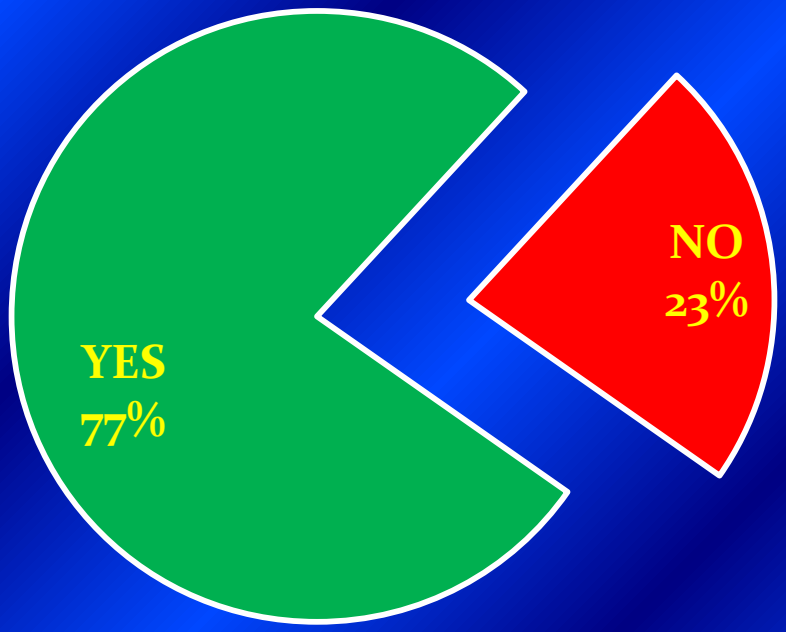


MONEY SUCKERS!

FORMAL SURVEY QUESTIONS

INSURANCE

MANDATORY INSURANCE IN THE FLOODPLAIN



FORMAL SURVEY QUESTIONS

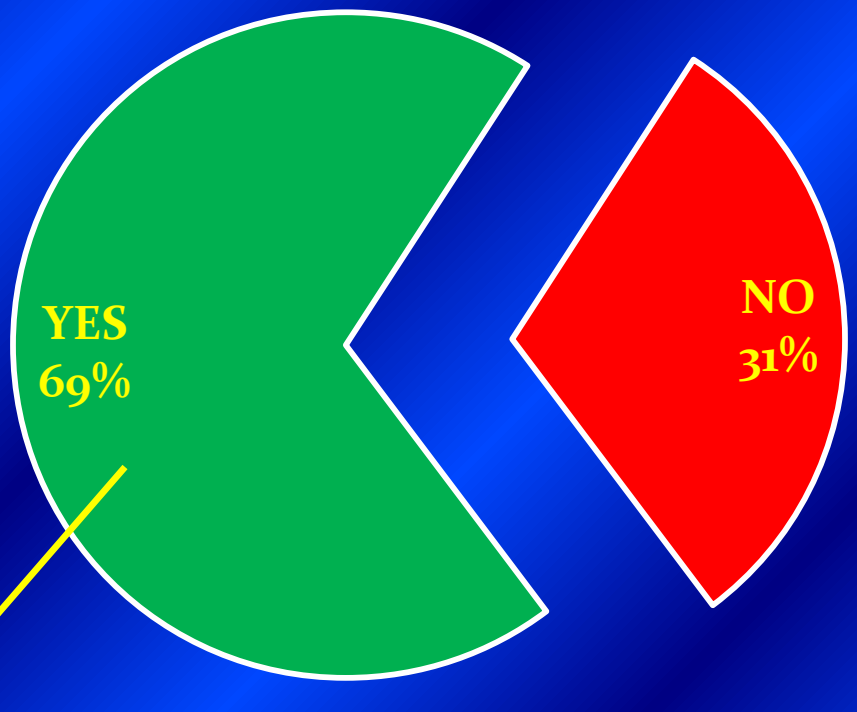
INSURANCE

RESPONSIBILITY OF FLOOD INSURANCE COSTS

FORMAL SURVEY QUESTIONS

POLITICAL

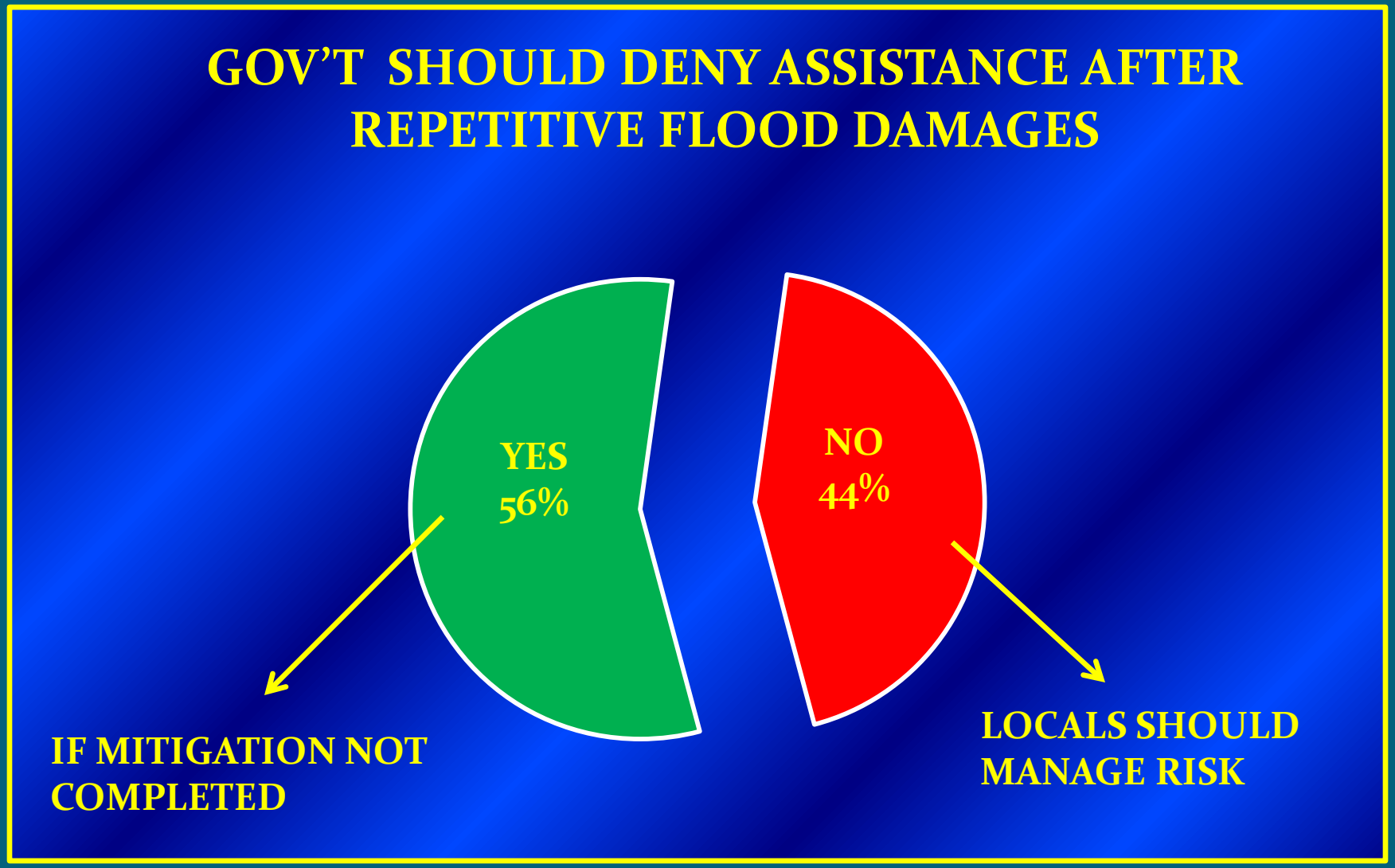
BUYOUT PROGRAM BY GOVERNMENT?



FOR PAST MISTAKES !

FORMAL SURVEY QUESTIONS

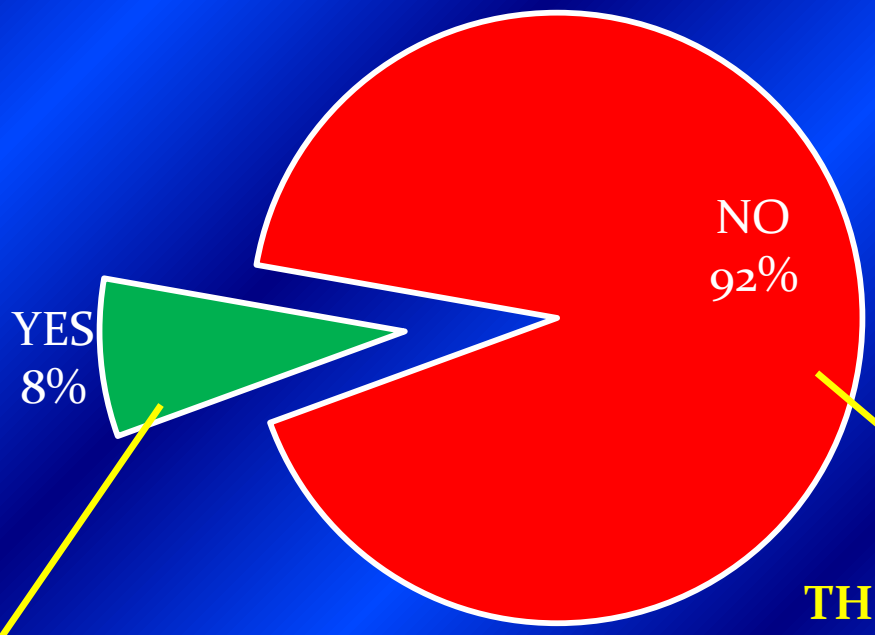
POLITICAL



FORMAL SURVEY QUESTIONS

POLITICAL

DO POLITICIANS UNDERSTAND FLOODING ISSUES?



IF IT HAS FLOODED RECENTLY !

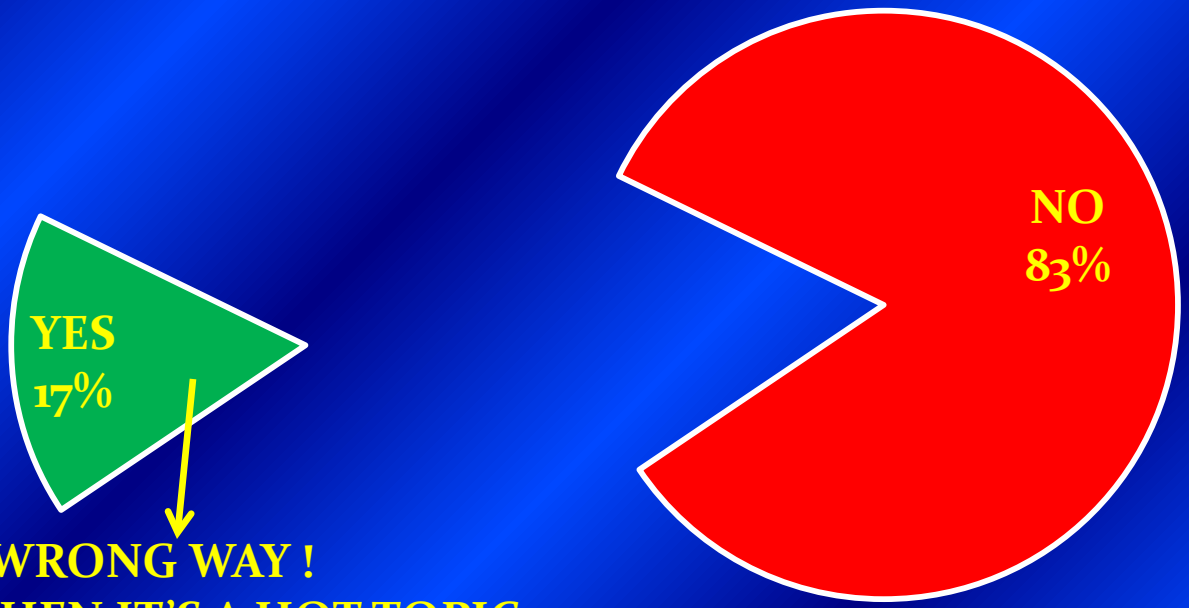
THEY PRETEND TO!

THEY BLOCK GOOD FPM LEGISLATION!

FORMAL SURVEY QUESTIONS

POLITICAL

DO POLITICIANS ACTIVELY ENGAGE IN FPM ISSUES?

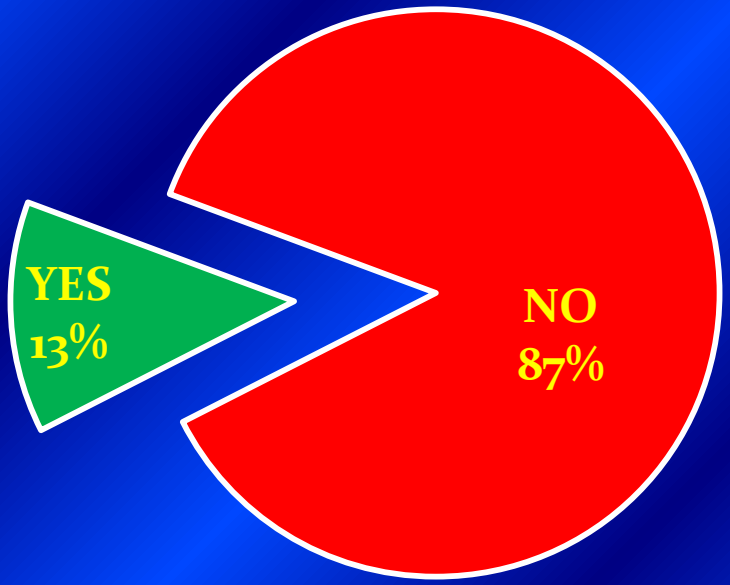


- IN THE WRONG WAY !
- ONLY WHEN IT'S A HOT TOPIC
- AFTER A LONG PERIOD

FORMAL SURVEY QUESTIONS

POLITICAL

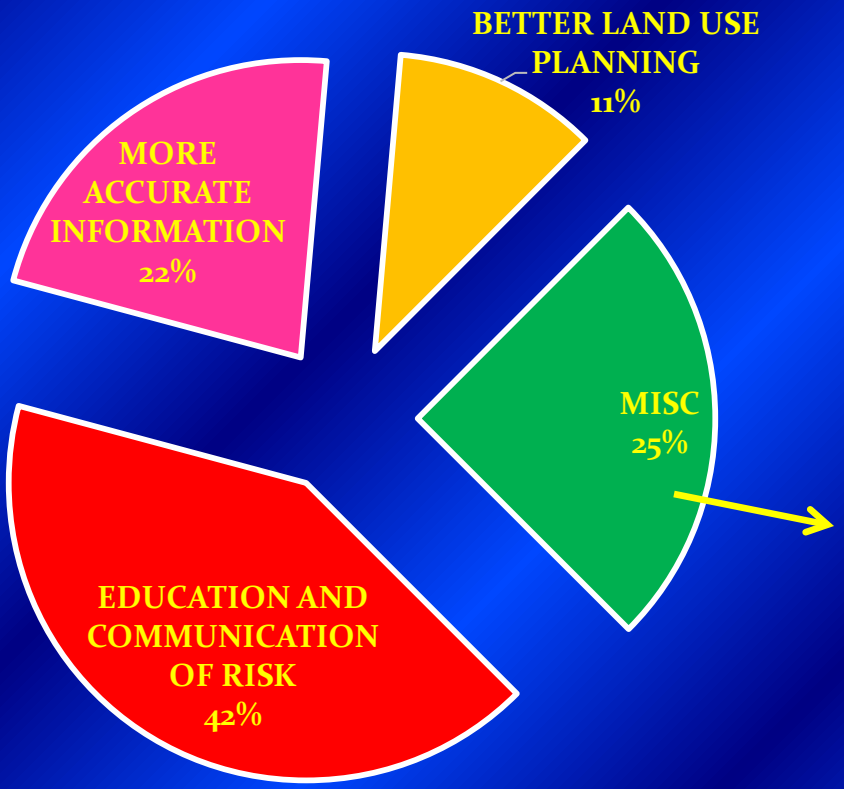
SHOULD POLITICIANS STAY COMPLETELY OUT OF MAPPING AND REGULATORY PROGRAMS?



FORMAL SURVEY QUESTIONS

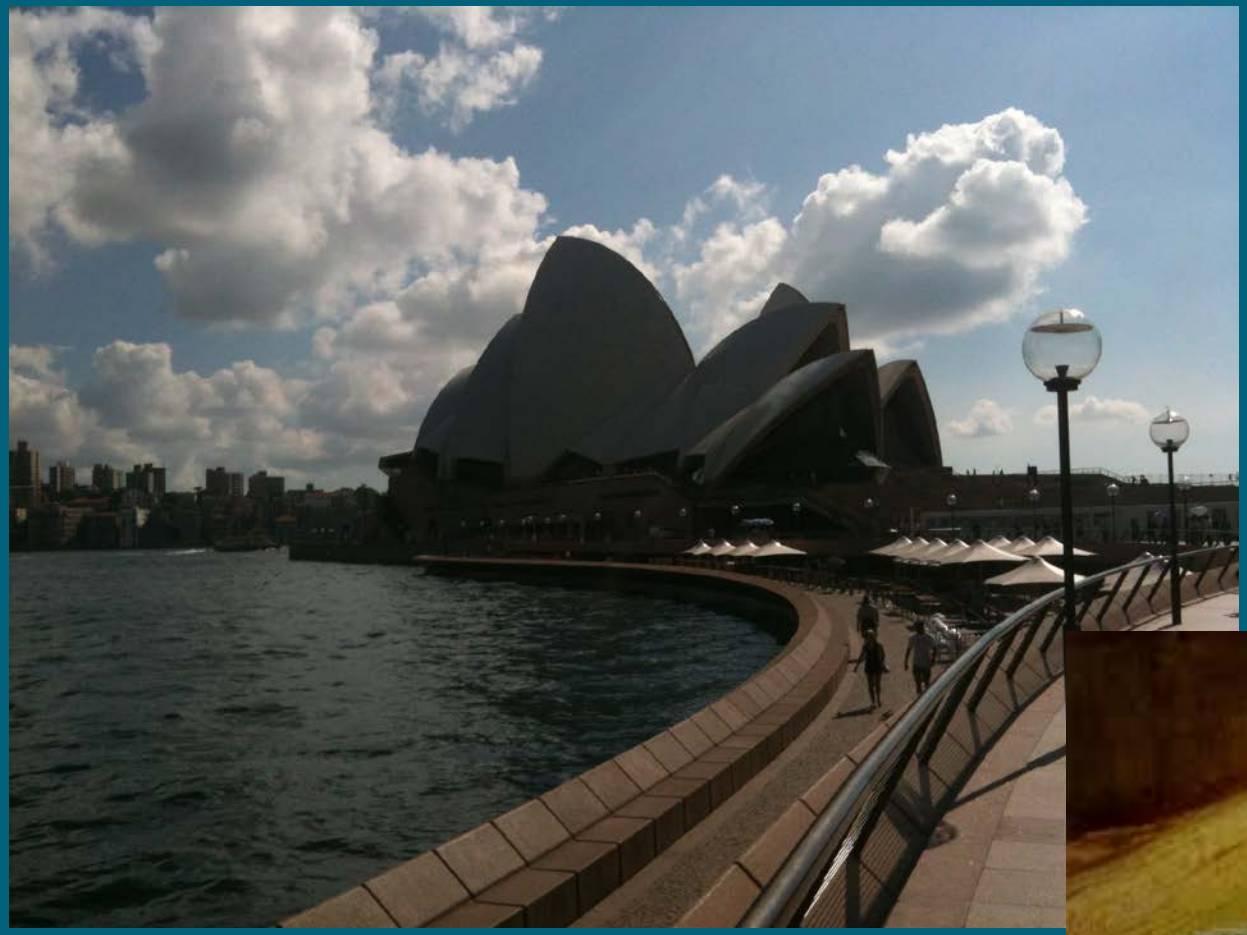
GENERAL

ONE ITEM TO VASTLY IMPROVE FPM IN YOUR COMMUNITY



- STOP POLITICAL SUPPORT FOR DEVELOPMENT IN THE FLOODPLAIN
- INCREASED FUNDING FOR BUYOUTS
- NO DEVELOPMENT IN THE 20-YEAR FLOODPLAIN
- RISK BASED MAPPING
- MORE FLOODING TO RAISE AWARENESS!
- FORMATION OF A FMA POLITICAL ACTION COMMITTEE

VACATION OR WORK?



EVER VIGILANT!

EVER VIGILANT!

EVER VIGILANT!

EVER VIGILANT!

EVER VIGILANT!

CHEERS!

NO WORRIES !

HOELSCHER ENGINEERING