

# AN ACTIVE CARING APPROACH THROUGH PSYCHOLOGICAL SAFETY IN CONSTRUCTION PROJECTS

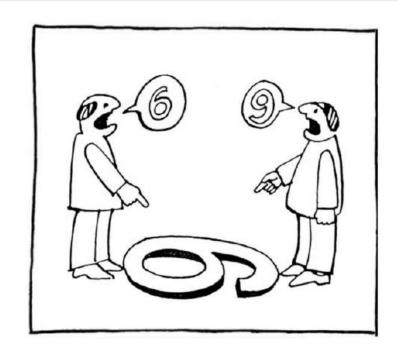
IGLC 2019

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#### Why Psychological Safety in Construction?





What we see depends on our perspective &

We act based on what we see (our beliefs)

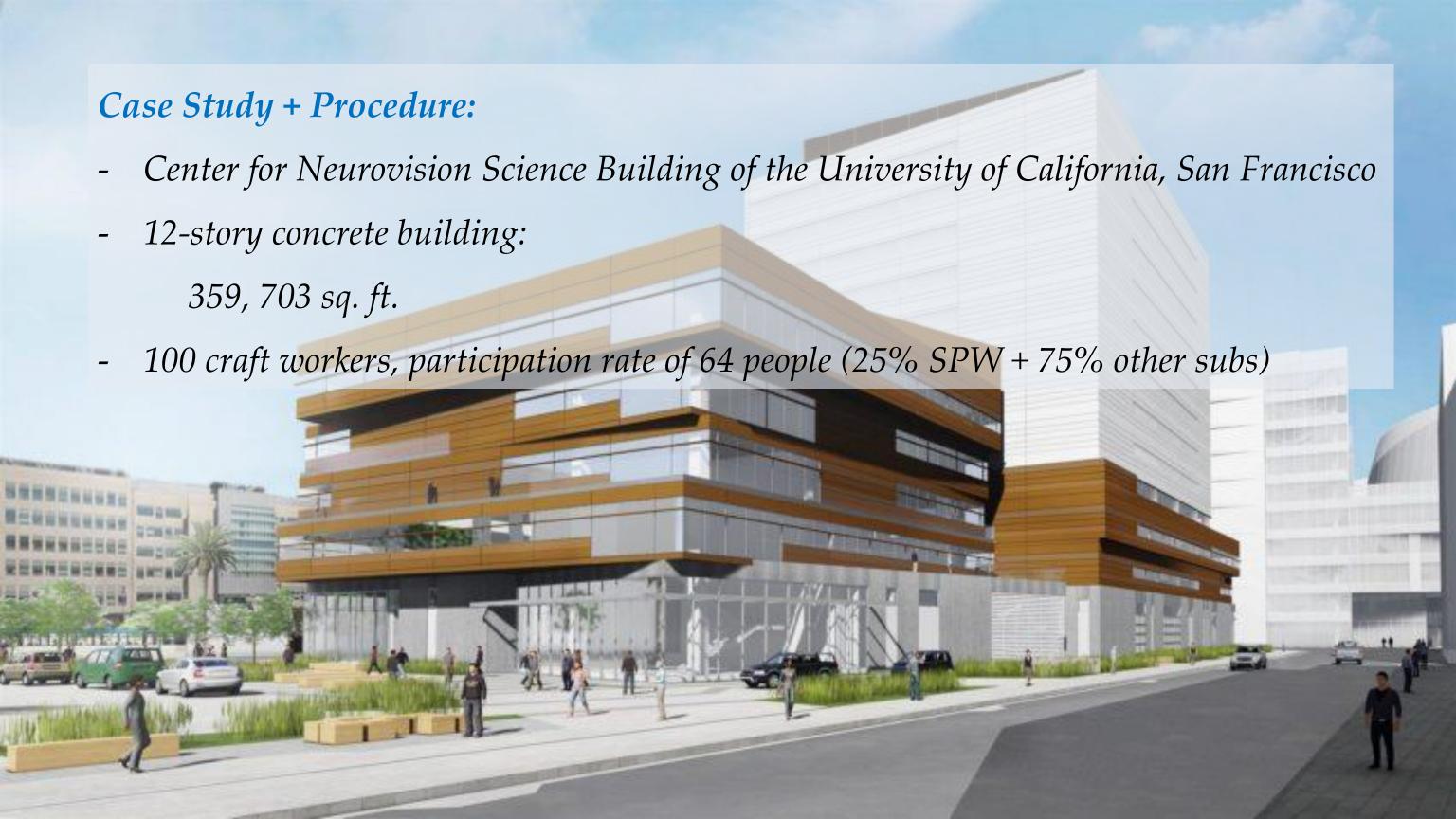
BLS: 20% of fatalities are in construction + People reluctant to ask for help + unwillingness to raise concerns for fear of a sanction or shame.



#### **Psychological Safety:**

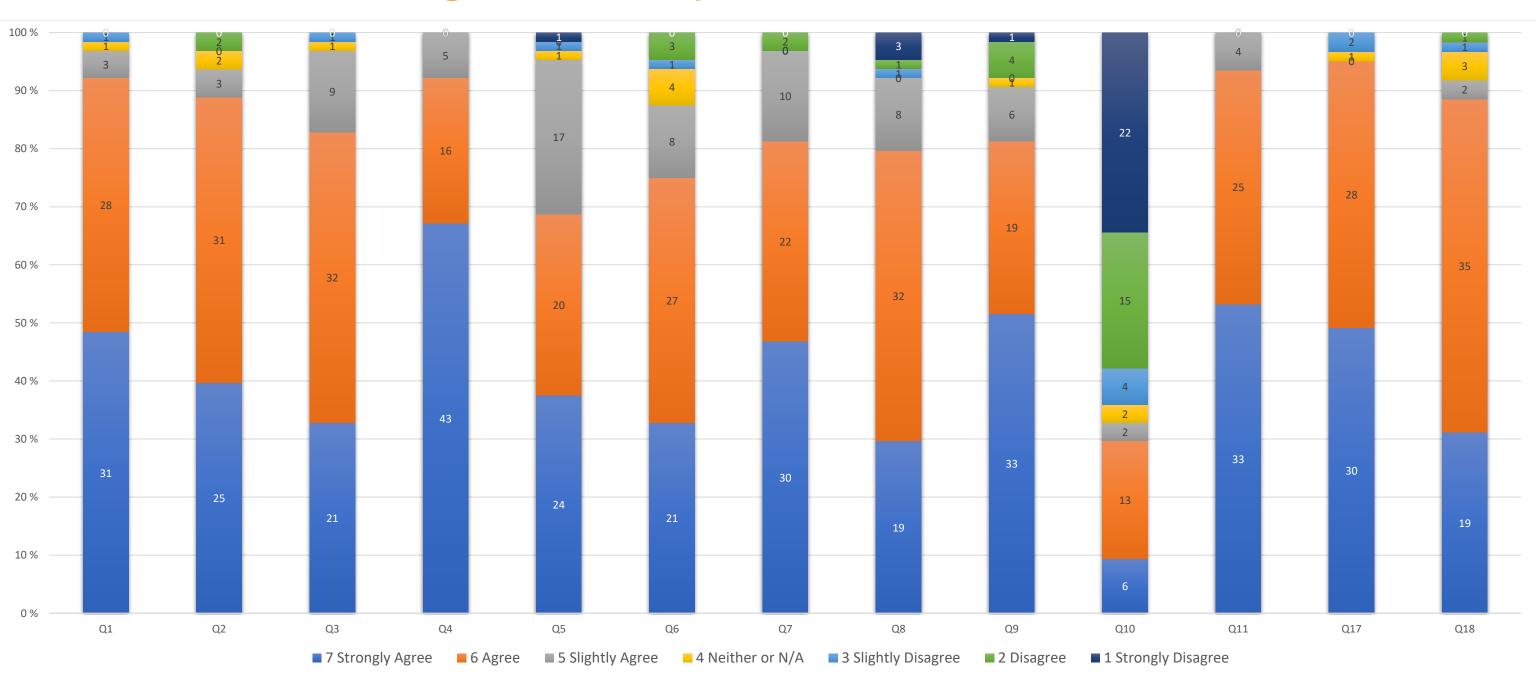
- Worked in healthcare, manufacturing, technology
- Opens learning behaviors: Continuous improvement
- Influences people's behaviors: allows openness regarding expectations and limitations

- → Confident about asking questions & get clarity on the work
- → Speaking up when errors occur
- → Expressing concerns
- → Provide feedback on processes
- → Avoid getting into hazardous conditions

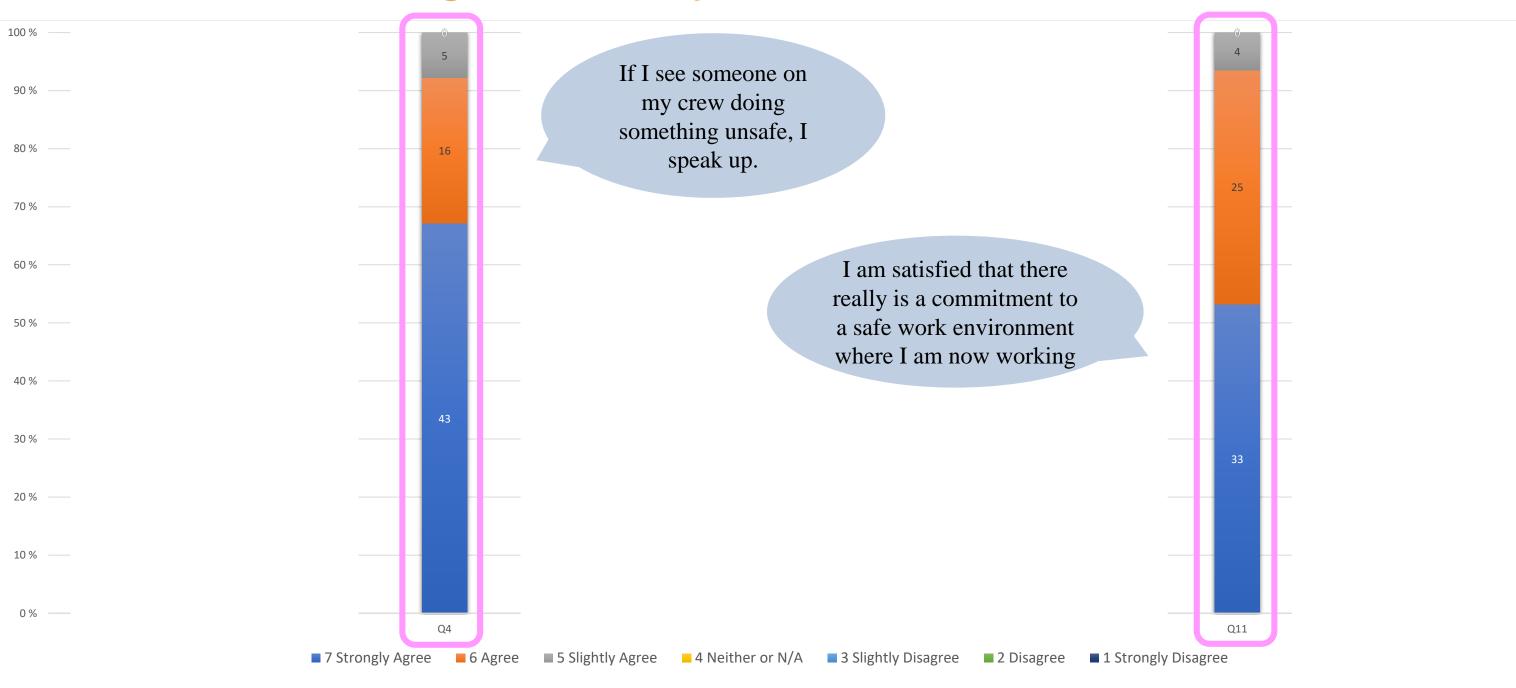


Q ID	Statement as Written		
1	I'm always learning new skills working with this crew.	TERNATIONAL GROUP FOR LEAN CONSTRUCTION UBLIN   IRELAND   1ST - 7TH JULY 2019	
2	If I make a mistake, my co-workers in the crew help me learn how to do the work correctly.	64	
3	My co-workers in the crew are willing to listen to my ideas for improving how work is done.	participants	
4	If I see someone on my crew doing something unsafe, I speak up.	Civil	
5	If I see someone on another crew doing something unsafe, I speak up.	Carpenter Mechanical	
6	My direct supervisor is willing to listen to my ideas for improving how work is done.	Electrical Plumbing Labor Drywall	
7	I feel comfortable talking to my direct supervisor about my safety concerns at work.		
8	My direct supervisor is understanding and helpful when I make a mistake at work.	Fire sprinkler Roofing	
9	My direct supervisor is a good role model for safety.	Iron worker Water proofing	
10	If I make a mistake, my co-workers do not teach me how to avoid making that same mistake again.		
11	I am satisfied that there really is a commitment to a safe work environment where I am now working		
17	I feel comfortable and confident in reporting near misses on the project		
18	I participate in designing the operations of the activities I am going to execute on site and I feel safe about how we execute them	3	

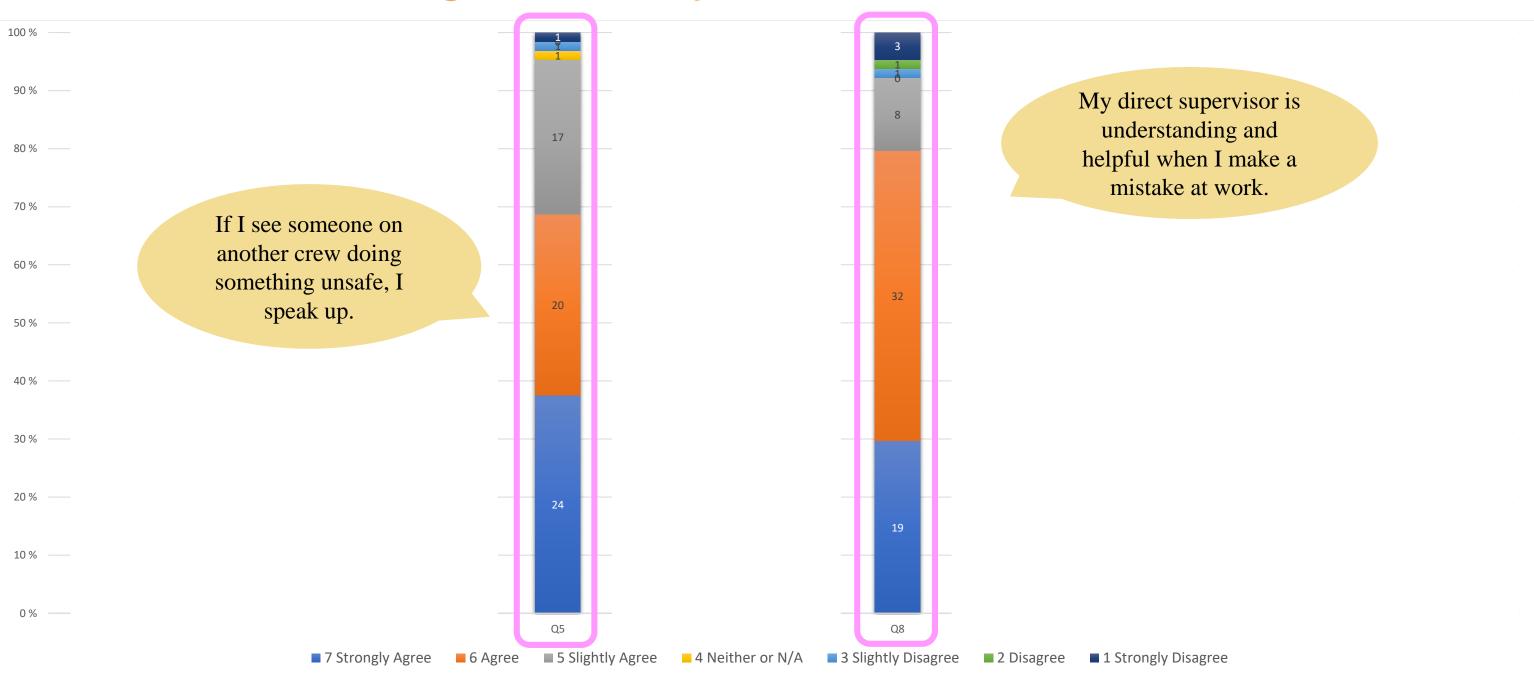




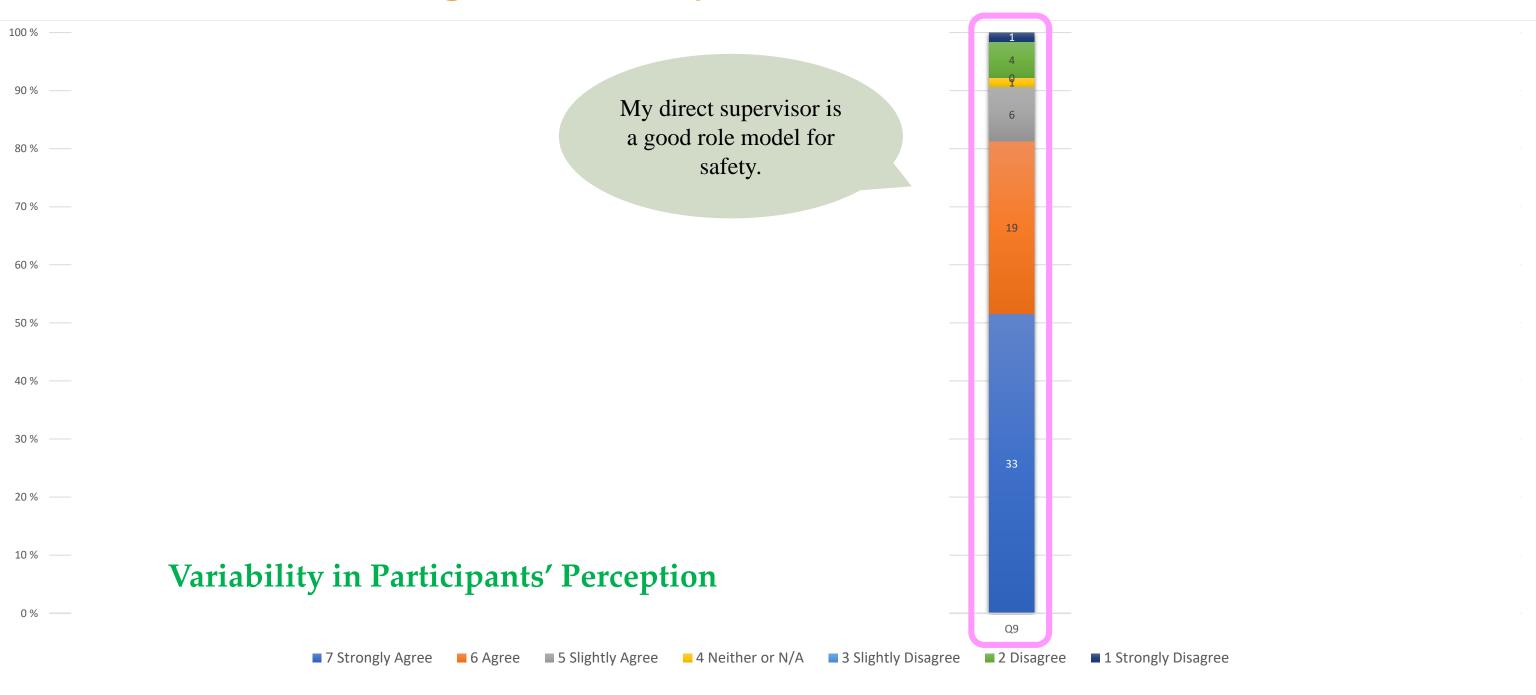












#### Creating a Culture with Psychological Safety



### LookingAheadforTask SafetyManager

What makes my people feel safe?

UnderstandWorkSequence Tasks0nTime TheWavWeBehave

### Creating a Culture with Psychological Safety



people feel

unsafe?



**NotUnderstandingWorkSequence** 

#### Research Findings

# What did workers say? – Building a psychologically safe work site

I'm being heard and actions are taken

Not punished for speaking up

Participate in task planning and understand activities

Strength relations among trades

Relation with supervisors

More safety meetings to teach people why safety save lives: Encourage everyone to be open minded to new ideas Role modeling with live examples One or two lunchs per week per trade Recognition to workers at least once a month (also for labors) Give gift cards for recognizing desired behaviors Not punishment 1 on 1 chat with my super Not get punished or sent to a different job A written guarantee of not getting fired Having the trust to speak up to supervisors Having the time to speak up during safety standowns Having the freedom to ask questions to my supervisor Lose shame to speak up in public-Talk to our supervisor before doing a dangerous job Meet and discuss details of our activities before hand so we can be concentrated in our tasks Get to know more other workers and improve communication More recognition from GC to the subsequally Build monfidence and trust that when we report, we're being heard Talks that share experience in safety issues This survey helps Regular safety meetings per week Feel people should speak up regardless of incentives Already feel safe here Explain the approach that safety requires mind shift Action must be taken when someone speaks up, not just listening and doing nothing Build relationships with other trades Corrective action should be taken when someone speaks up Job site meetings |Suggestion box Continuously remind us that we will not get in trouble Small reward or recognition Try to increase trust with supervisors and among the team. Work on increasing trust among the team we work with Increase trust that the person who is listening to me is the right one Is Make sure I am being understood Give me the trust that I will not be punished for speaking up Not bad consequences when we speak up Receiving suggestions and recommendations instead of shouting or bad words To have supervisors explaining the project/work scope right Get help to lose shame and fear Help us to understand that we will not get into trouble with other peop Having a good relationship with superintendent or supervisor Feel confident with the work I put Overcome overconfidence Suggestion box Write suggestions down on a paper without names Ask question to workers and look for recommendations Speak with the true Improve communication between all trades

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#### Plan Forward



Start	Stop	Continue
<ul> <li>Use of English &amp; Spanish in all hands meeting on site</li> <li>Creation of an on-site safety committee: build cohesiveness</li> <li>Strength relations between and amongst trades</li> <li>All staff can start giving recognitions</li> <li>Include staff in safety walks</li> </ul>	<ul> <li>Understand errors as a reason to feel fear</li> <li>Thinking about reporting near misses as something negative</li> <li>Acting as if the GC was the only mean for communication about trades</li> </ul>	<ul> <li>Have sessions with supervisors and general foreman to discuss initiatives for increasing psychological safety</li> <li>Reinforce recognitions program "Doing it right" campaign</li> <li>Sharing good examples during orientations</li> </ul>

#### Conclusions



Psychological safety impacts: team performance, quality, and safety of the project.

Leading by example: the way site managers and superintendents behave plays a key role in shaping craft workers' feelings and behaviors.

Willingness to act when workers observe hazards: it can change as humans then to care more about people they know.

Share experiences: when mistakes occurred in the project but did not lead to rejection, but rather the was support to solve the issue together and learn from it.

Our own behavior influences whether other feel safe or unsafe working with us.



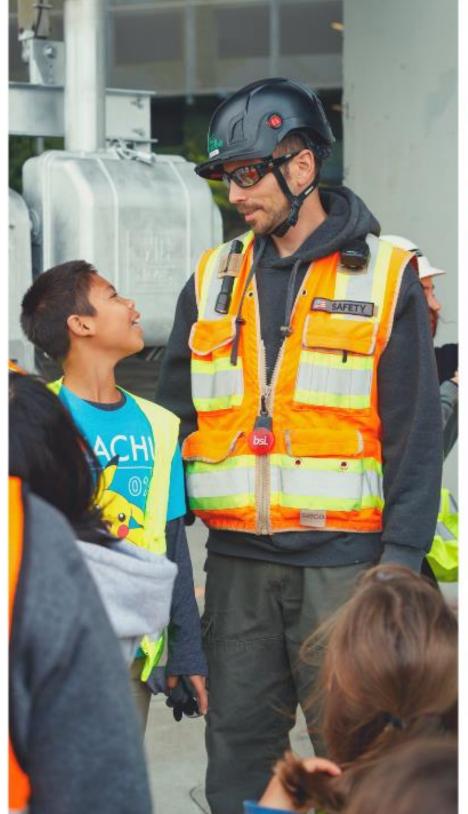






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WE VALUE

## the beauty of diversity.

**EVERYONE'S VOICE MATTERS** 



