



WellsInMind

- **Global Resource Centre**
- **Industry Best Practice**
- **Practical Worksite Tools**



The screenshot displays the WellsInMind website with the following elements:

- Header:** "WellsInMind Global Resource Centre for Human Factor Specialists" with navigation links: HOME, ABOUT, CONTACT, MEMBERS.
- Resources & Guidance:** A grid of tiles for "WIM Recommended Practice", "Industry Reference", "Situation Awareness", and "Decision Making".
- Search:** A search bar with "GET INVOLVED" and "SEARCH" buttons.
- WellsInMind Survey:** A yellow banner with the text "Please complete our quick survey".
- Workgroups:** An orange banner for "Regional and global activities".
- Resources & Guidance:** An orange banner for "Papers, campaign material".
- Training:** An orange banner for "Course summaries & recommendations".
- Membership:** An orange banner for "Joining and benefits".
- Workshop Consensus:** A section titled "Make Drilling Safer: AN INDUSTRY APPROACH TO HUMAN FACTORS AND PERFORMANCE" with a "READ MORE" button.
- Events:** A grey box stating "There are no upcoming events." with a "VIEW ALL" button.
- Workgroup Outputs:** A grey box for "Meeting Minutes" with a "VIEW ALL" button.
- Footer:** Logos for bp, TOTAL, Shell, BAKER HUGHES a GE company, and IADC. It also includes a "Quick Menu" (Home, Contact, About WellsInMind (WIM), Training) and "All Enquiries" (Home, Becoming a WIM Member, Resources & Guidance, Disclaimer and Privacy Policy) with an email address: admin@wellsinmind.org.

Welcome



13.00	Welcome, Safety Brief & Introductions	Allen Smith
13.10–13.30	Initiative Background	Steve Kropla IADC
13.30-13.50	Proposed Resource Centre Structure	Allen Smith / Brodie Smith Silverdot
13.50-14.50	Purpose/Vision/Strategies/Tactics	Chris Parker BP
14.50-15.50	Integration Human Performance / Human Factors	Marcin Nazaruk BHGE



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- Header:** "WellsInMind Global Resource Centre for Human Factor Specialists" with navigation links for HOME, ABOUT, CONTACT, and MEMBERS.
- Search Bar:** A search box with the text "GET INVOLVED" and "SEARCH" on the left, and "Search query..." and "GO" on the right.
- Main Content Area:**
 - WellsInMind Survey:** A yellow box with the text "Please complete our quick survey".
 - Workgroups:** An orange box with the text "Regional and global activities".
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- Footer:**
 - Logos:** bp, TOTAL, Shell, BAKER HUGHES a GE company, and IADC.
 - WellsInMind Workgroup 2019:** Text on the right side of the footer.
 - Quick Menu:** Links for Home, Becoming a WIM Member, Resources & Guidance, and Disclaimer and Privacy Policy.
 - All Enquiries:** Email: admin@wellsinmind.org

Proposed Resource Centre



AWARENESS

UNDERSTANDING HAZARD, RISK AND CONSEQUENCE

DROPPED OBJECTS POTENTIAL KILLERS

FACT: 10% of all workplace accidents are caused by dropped objects.

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DROPS AFFECTS YOU! HOW DO YOU AFFECT DROPS?

HAZARD HUNT DAY

WHAT TO LOOK FOR:

PARE COM QUEDA DE OBJETOS!

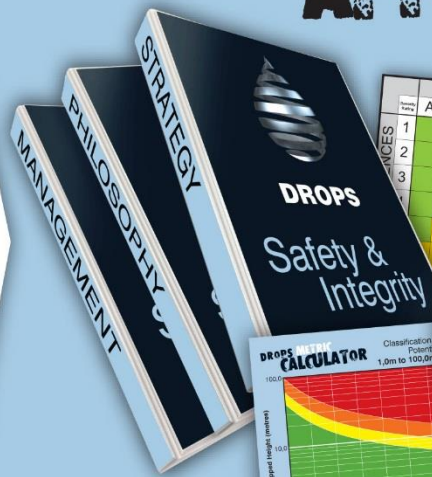
DROPPED OBJECTS STILL HARMING STILL KILLING

OILFIELD TRASH IS PROHIBITED!

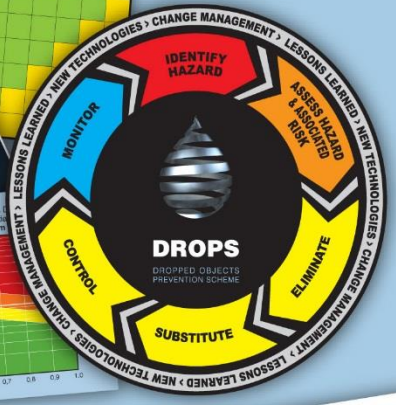
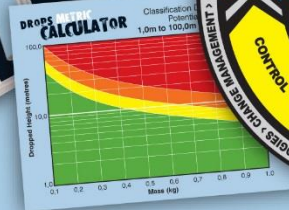
STATIC vs DYNAMIC

APPLICATION

IDENTIFICATION, ASSESSMENT AND IMPLEMENTATION



LIKELIHOOD	RISKS					
	A	B	C	D	E	F
1						
2						
3						



DROPSonline
Dropped Objects Prevention Scheme Global Resource Centre

Specialist Knowledge & Focus Groups

OVER 200 MEMBERS WORLDWIDE - MORE THAN 3000 SUBSCRIBERS

- ### SURVEY AND INSPECTION
- Area 1: Crown and Water Table
 - Area 2: Monkeyhead
 - Area 3: Traversing Equipment
 - Area 4: Drill Floor and Mezzanine Deck
 - Area 5: Ladder Structure and DOP Deck



Reliable Securing

Best Practice recommendations for the securing of structures and equipment at the worksite.

HIERARCHY OF CONTROLS

CARGO SAFETY AND SECURITY

Backloading

SUPPORT

COMMUNITY, RESOURCES AND INTERACTION

OPERATION

PREVENTIVE AND MITIGATING CONTROLS

AWARENESS

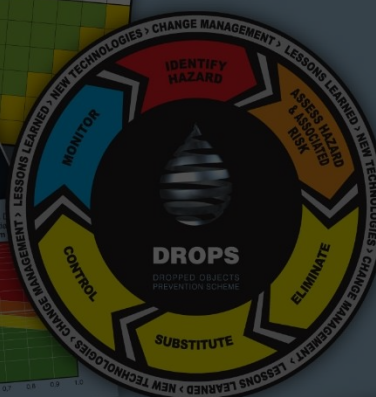
UNDERSTANDING HAZARD, RISK AND CONSEQUENCE

- Acknowledge Industry Needs
- Commitment to Standardise
- Establish Membership and Workgroups
- Gather Existing Practices
- Build Consensus
- Develop Useful Workplace Tools
- Develop Best Practice and Guidance
- Unrestricted Application
- Continually Review and Update

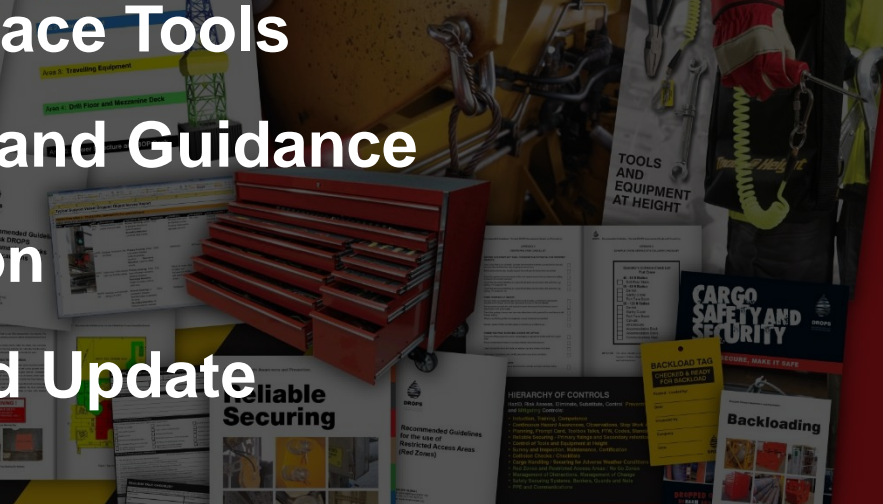
APPLICATION

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SURVEY AND INSPECTION



The DROPS Model



The Human Performance Tool Box

- There are 14 tools in your toolbox:
1. Pre-Job Briefing
 2. Two-Minute Rule
 3. Three-Way Communication
 4. Phonetic Alphabet
 5. Procedure Use & Adherence
 6. Place Keeping
 7. Flagging/Operational Barriers
 8. Self-Checking
 9. Independent Verification
 10. Concurrent Verification
 11. First Check
 12. STOP When Unsure
 13. Peer Checking
 14. Post-Job Review

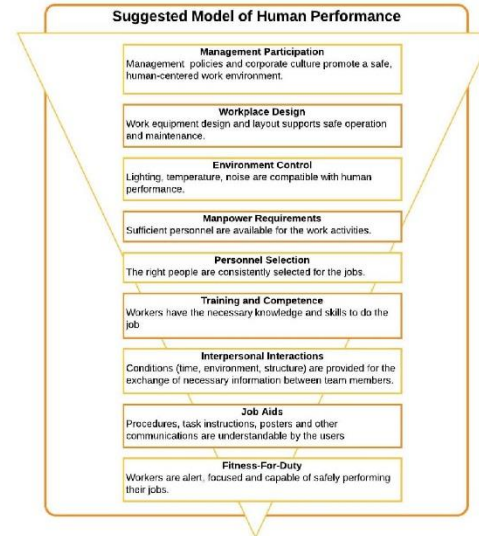
Human Factors Applications

TRIANGLE OF EFFECTIVENESS

- A suggested **general model** for identifying and supporting Human Performance within SEMS
- Backed up by many years of industry findings
- Items towards top are generally the stronger risk mitigation measures
- Individual incidents may appear to have their primary causes in the lower categories *e.g. Exxon Valdez was arguably due to personnel / team factors (1)*
- Although exceptions may be found, it is a **general model** that provides a framework for managing human performance.

1. <http://www.evostc.state.ak.us/%3FFA=facts.QA>

www.humanfactorsapplications.com



Supervisors, foremen, and workers will jointly decide if work can be performed safely.

N = November

correctly before installing the flag or operational barrier. **Caution - Flag** the component that will be worked. Place **Operational Barriers** on components NOT to be manipulated or worked. Attach the flag or operational barrier to the designated component using devices that will remain securely in place, such as colored adhesive dots, ribbon, colored tags, rope, magnetic placards, colored electrical tape, etc. While performing the work the flags or operational barriers are to remain in place only while work is in progress. Remove flagging or operational barriers when work is complete.

Risk Behaviors to Avoid:

- Using similar flags for components to be manipulated and for components to avoid touching
- Attaching a flag to a component to be manipulated only once
- Flagging both components to be manipulated and to be avoided during same activity
- Not self-checking or peer-checking the component before applying flagging or later in the activity
- Using flagging that is not securely attached to component; able to become unattached
- Not removing a flag after completion

A Fascinating Challenge



Guidelines for implementing Well Operations Crew Resource Management training



communication

Introducing behavioural markers of non-technical skills in oil and gas operations



communicate

The use of behavioural markers of non-technical skills in oil and gas operations: supporting material



communicate

leadership

A Fascinating Challenge





HF in design – practical solutions



Usability testing

A key technique of user-centred design is assessing the designed product's usability, which is the extent to which it allows the user to reach their task objectives. In contrast to utility, which is the ability for a design to function, usability considers the user's ability to achieve that function. A design may have utility without usability.

Click the forward arrow to continue.



Why should usability be tested?

A Fascinating Challenge





[« BACK](#)



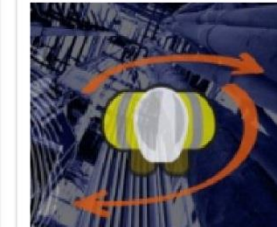




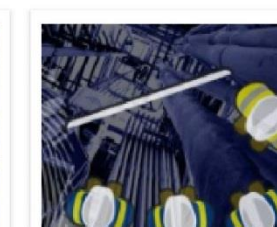
[GET INVOLVED](#)

SEARCH

[GO](#)

You are here: [Home](#) » Resources & Guidance

Resources & Guidance

 <p>WIM Recommended Practice</p>	 <p>Industry Reference</p>	 <p>Situation Awareness</p>	 <p>Decision Making</p>
 <p>Communication</p>	 <p>Teamwork</p>	 <p>Leadership</p>	 <p>Campaign</p>

This page is under construction. This will become the library of downloadable guidance, practical worksite tools and programs. The **WellsInMind** Workgroup will determine appropriate sections and headings under which these resources can be found.

If you have any material to share, or any ideas on how this page would work for you, please let us know at admin@wellsinmind.org

EVENTS

There are no upcoming events.

[VIEW ALL](#)

WORKGROUP OUTPUTS

[Meeting Minutes](#)

[VIEW ALL](#)

CONTACT US

Collating 'Best in Class' Guidance

WiM Workgroup

Regional Chapters

STEERING COMMITTEE

WORK GROUPS

- Chaired by Operator(s)
- Representation from Major Drilling Contractors and Service Partners
- Industry Bodies and Specialists

- Quarterly Meetings
- Communications
- Local Events
- Topics and Projects

THE WORLD

[← BACK](#)[GET INVOLVED](#)

SEARCH

[GO](#)

You are here: [Home](#) » [Becoming a WiM Member](#)

[Mailing List](#)

Becoming a WiM Member

[Click here for WiM Chapter pages](#)

The benefits of **WiM membership** are that you are invited to participate, contribute and help drive the direction and deliverables of the initiative.

As a member, you can attend Forum meetings and events, participate in key focus groups of your choice and, importantly, bring your organisation's influence and concerns to WiM. Each WiM member receives a set of all resources free of charge (excluding WiM Training Materials).

Each new **WiM member organisation** makes an initial contribution (proposed \$2750.00USD) to assist with the management and facilitation of **WiM** and the costs of preparing resources and developing new tools and materials for Human Factor awareness and management. The production of new tools and deliverables is self-funded through the revenue raised from all sales / subscriptions and Member subscriptions. The initial contribution is effectively a joining fee and it includes your first year's membership subscription. Each year thereafter, an annual subscription fee is payable (proposed \$650.00USD).

To find out more about becoming a **Member of WiM**, please contact our **Global WiM Administration Team**:

Global WiM Administrator
WiM Campaign Team
Silverdot Limited
Banchory Business Centre, Burn O'Bennie Road
Banchory, Aberdeenshire AB31 5ZU
Tel: +44 1330 826510
Email: admin@wellsinmind.org
Web: www.wellsinmind.org

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CONTACT US

HP4LOG

 **OGHP**

H  **PER**

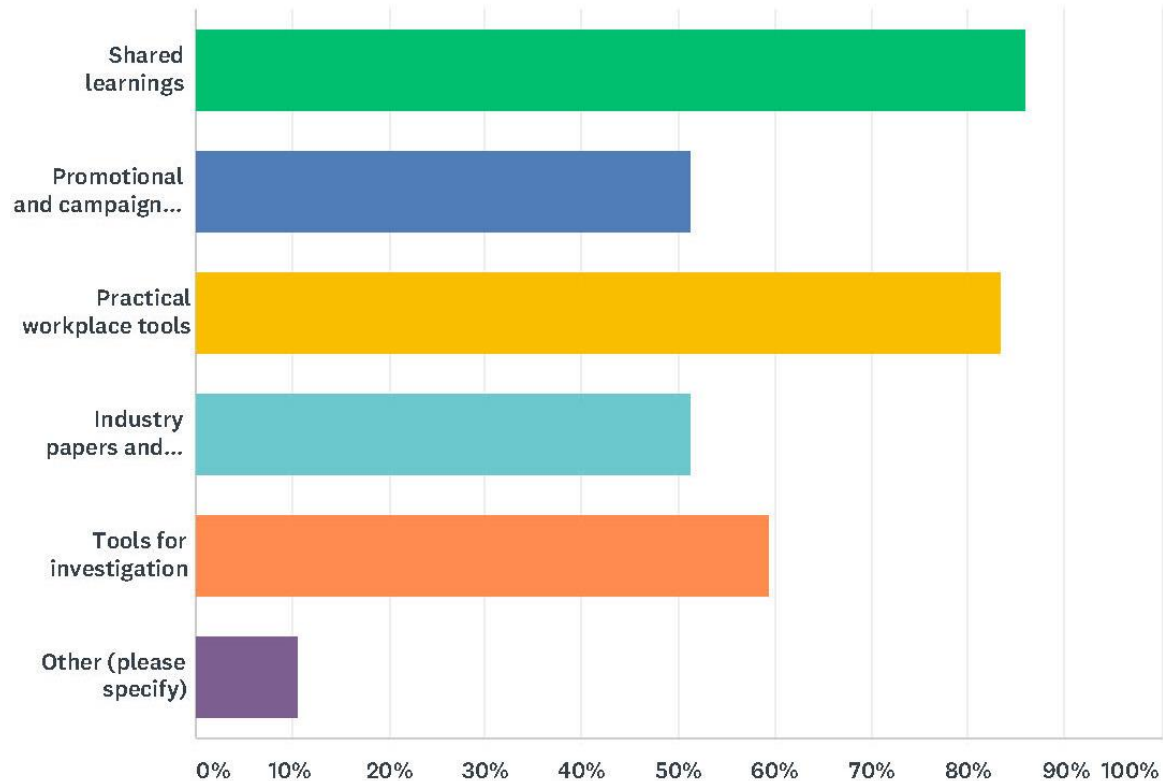
Human Performance Global Resource Centre

The Right Identity



Q1 At the core of WellsInMind will be a free to access, global resource consisting of industry best practices, definitions, tools and more. Which of these following materials could help your organisation further advance the implementation of Human Factors?

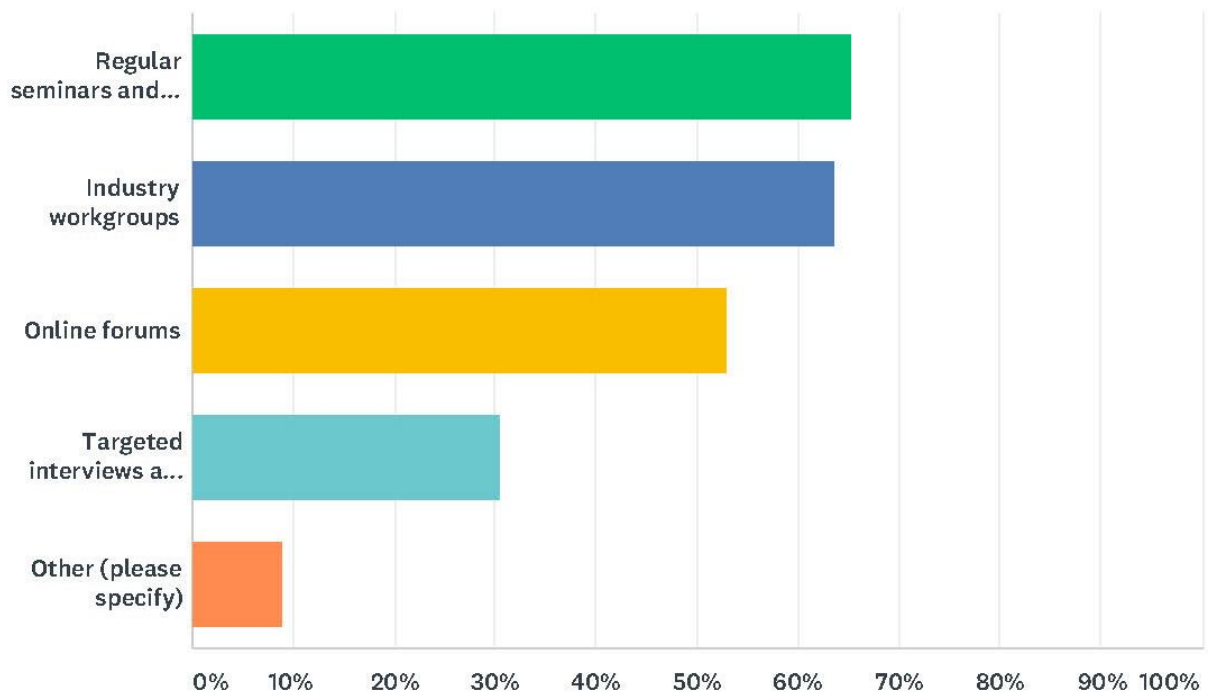
Answered: 121 Skipped: 1



- **Best Practice and Guidance**
- **Recommended Training Resources**
- **Translation to Local Languages**
- **Clearer Definitions (HP/HF/CRM)**
- **Involve Regulators and Industry Bodies**
- **Open Transparent Shared Learnings**
- **Video Channel (TED Talkers)**
- **Local Networks**

Q2 Following a similar, collaborative approach to DROPS, WellsInMind resources can be gathered and shared by a global WellsInMind community. Which of the following methods do you think would be most practical?

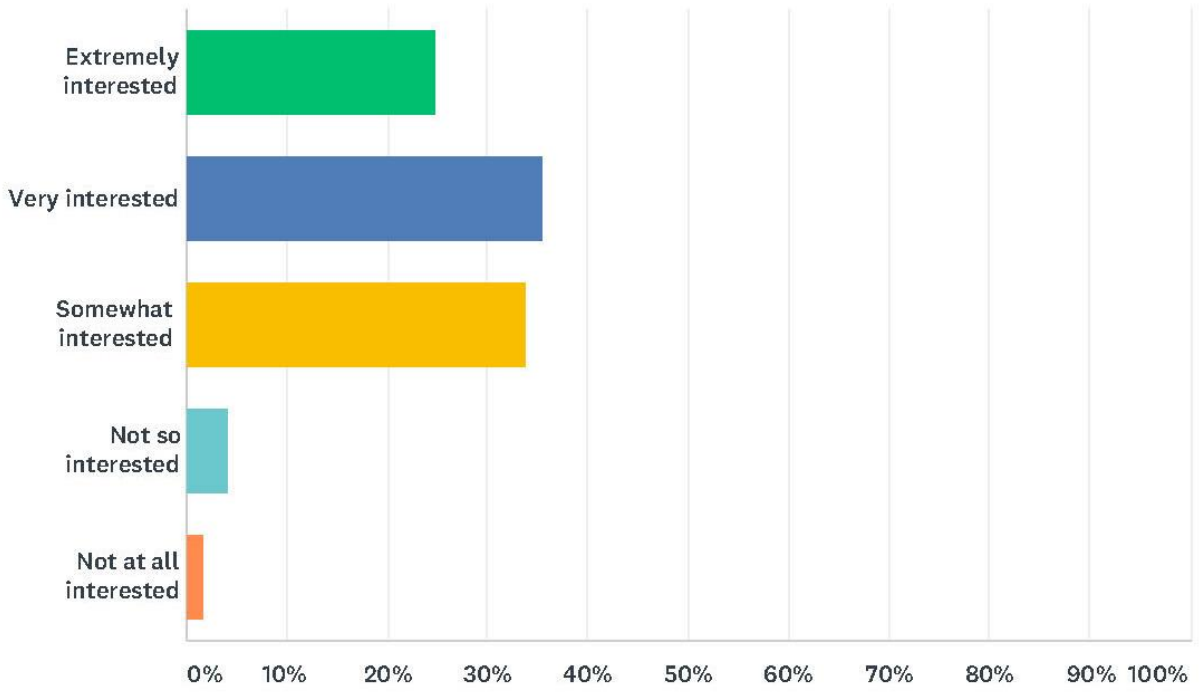
Answered: 121 Skipped: 1



- **Fully inclusive invitations**
- **Task Specific Learnings**
- **Social Media Alerts**
- **SME engagement with Regulators**
- **Learnings from Other Industries**
- **Specific Training**
- **DROPS Style Forums and Train the Trainer**

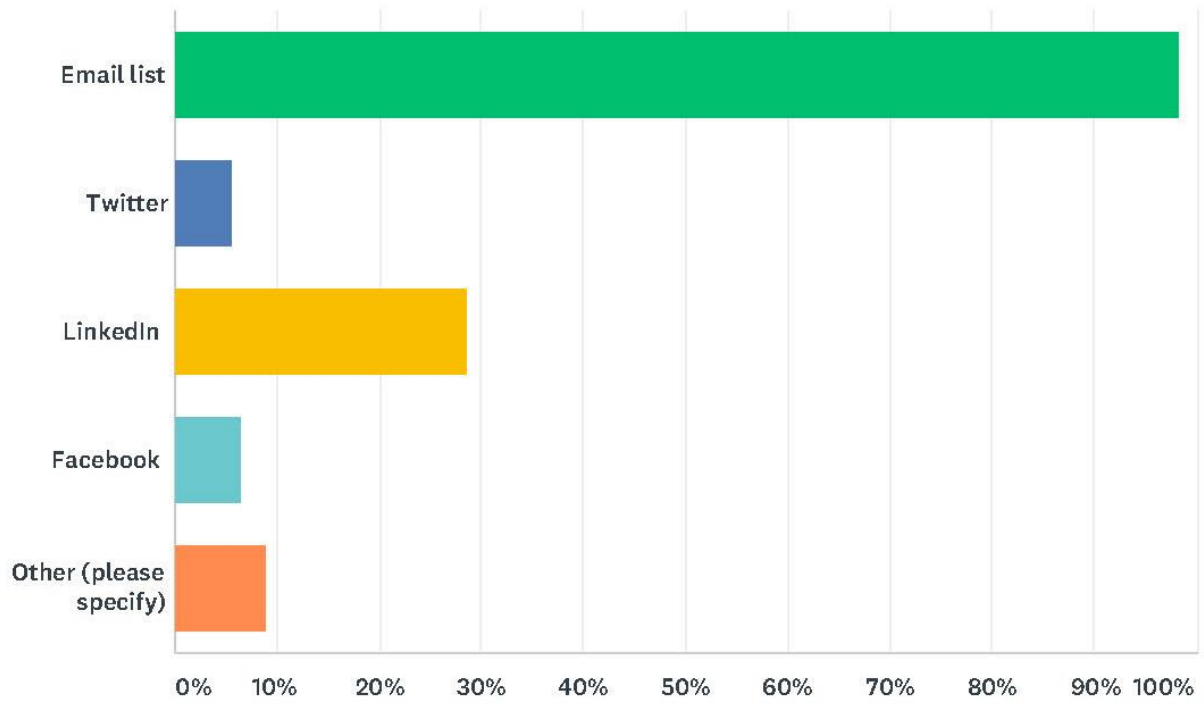
Q3 Membership to WellsInMind will follow the same structure as DROPS; an annual subscription to assist with the management and facilitation of WellsInMind. Would you be interested in becoming a member of WellsInMind?

Answered: 121 Skipped: 1



Q4 How the message is broadcast will be key to landing WellsInMind in a way that is effective for the industry as a whole. From the options below, please select how you would prefer to receive updates and communications.

Answered: 122 Skipped: 0



- **Social Media (LinkedIn)**
- **Link with Other Industry Associations**
- **Need to build / rebuild brand recognition**

- **Acknowledge Industry Needs**
- **Commitment to Standardise**
- **Establish Membership and Workgroups**
- **Gather Existing Practices**
- **Build Consensus**
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Moving Ahead...

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