

Date	Event	Details	OPEN TO:
Tues 29 th OCTOBER 10:30 – 13:30 Bristol	KNOWLEDGE SHARING EVENT "Setting up a STEM Returners Programme"	Find out more about the possibilities for companies to recruit, develop and retain the best available talent, and enable highly qualified and experienced candidates to re-start their career. *** REGISTRATION OPEN NOW ***	FREE CORE, PREMUM, STRATEGIC
Thurs 7th NOVEMBER 18:00 – 23:00 London	WISE AWARDS 2018 8 Northumberland Avenue	A special opportunity to recognise organisations and individuals actively addressing the core concerns of WISE: promoting science, technology, engineering and mathematics to girls and women. *** DISCOUNTED MEMBER TICKETS AVAILABLE ***	TICKETED EVENT ALL MEMBERS
Thurs 23rd JANUARY Sheffield	KNOWLEDGE SHARING EVENT "What can Industry learn from Athena-SWAN?"	Hear from our academic partners about the Athena-SWAN programme which has done so much to promote and reward diversity and inclusion strategies in universities.	FREE CORE, PREMUM, STRATEGIC









campaign for gender balance in science, technolog & engineering Agenda

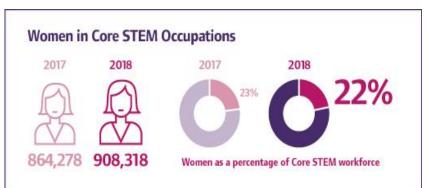


- 09:30 Registration & refreshments
- **10:00** Welcome from WISE
- 10:05 2019 Ten Steps diagnostic results and themes
- **10:25** Sharing good practice TSP Projects
- **10:50** Sharing good practice Siemens
- 11:15 Developing Mentoring Partnerships with WISE
- 11:25 Refreshments & Networking
- 11:40 Sharing best practice Open Discussion
- **12:10** Focusing on the Ten Steps
- 12:40 Developing the Ten Steps Looking ahead to 2020
- 12:50 Close
- 13:00 Buffet lunch

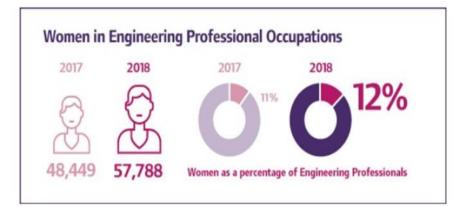


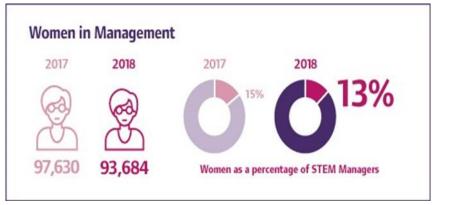


Women as a percentage of the STEM workforce











STEP:

















Ten Steps Results

Dr Clair Collins

Senior Products & Services Manager, WISE



campaign for gender balance in science, technolog & engineering

A Reminder of the Ten Steps







- Thank you for providing us with your completed diagnostics.
- 32 diagnostics received.
- 43 attendees from 32 different companies.







Performance on each of the Ten Steps - 2019

- For the first time in 4 years, 'Approach this Step like any other business Make f improvement project' Change has been overtaken as Approa the highest ranked Unders
- step.
 The 4 highest scoring steps remain consistent with previous years.
- After a drop in its ranking last year, 'Be creative in job design' has leapt up to 5th, whereas 'Sponsor female talent...' has dropped down to 9th.

Step Ranking	2019 2018 2017
Make flexible working a reality for all	123
Change mindsets by challenging bias and sexism	232
Approach this like any other business improvement project	311
Understand the starting point so you can monitor progress	444
Be creative in job design	586
Share learning and good practice	655
Demonstrate to women that you want to retain and develop them	000
Educate your leaders, give them accountability for change	8 10 10
Sponsor female talent to the same extent as male talent	969
Increase transparency of opportunities for progression	10 9 8

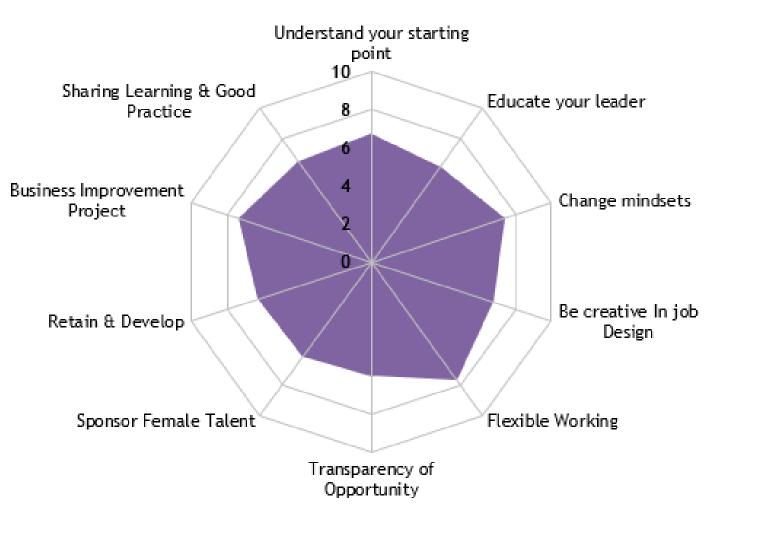
Mean total score: 2019: 67.0 2018: 66.6

2017: 65.8





Collective Responses





WI

SE

An overall Picture of the 2019 Cohort

Starting	Educate	Change	Creative Job	Flexible	Transp'cy	Sponsor	Retain	Business	Share
Point 💌	Leaders 🔻	Mindse 🔻	Design 💌	Workir 💌	Opport't 💌	Wome 🔻	Develo 🔻	Projec 💌	Succes 👻
10	10	9	10	10	9	9	7	10	10
8	9	9	8	10	8	10	6	8	9
8	8	10	8	10	5	9	7	10	9
10	9	7	7	8	8	9	7	10	8
8	6	9	10	8	8	9	8	9	7
8	8	9	8	8	7	7	8	10	9
9	5	8	8	9	8	8	10	7	7
8	7	8	8	7	5	8	9	9	8
8	6	7	8	8	8	6	7	10	7
7	7	7	6	8	6	7	7	9	7
8	10	7	8	8	9	5	6	9	3
7	7	7	8	9	7	7	8	7	6
8	8	7	6	8	7	7	7	7	8
9	7	8	7	9	5	4	5	10	7
7	8	8	7	9	5	8	5	5	8
6	4	7	7	9	8	7	5	8	9
9	5	7	7	9	5	4	7	10	6
6	8	7	5	7	6	6	8	10	4
7	6	7	7	6	5	4	6	9	10
7	6	7	6	8	6	7	7	6	6
8	5	7	9	5	5	5	4	8	9
7	5	7	5	7	7	8	5	5	6
3	5	7	6	8	5	7	8	7	3
5	6	7	5	8	5	5	5	6	6
7	4	9	1	7	6	4	7	5	7
3	7	8	6	8	6	5	6	5	4
3	7	7	6	7	4	5	5	3	4
5	5	7	5	5	4	3	6	5	5
6	3	6	3	7	3	5	5	6	6
6	3	7	5	6	3	5	5	5	4
3	4	6	5	5	6	4	4	4	4
3	2	5	3	6	2	3	2	4	2

- Clear which steps organisations struggle with immediately:
 - Educating Leaders
 - Starting Point
 - Creative Job Design
 - Sponsoring Women
 - Transparency of Opportunity
 - Sharing Success
- Even top ranking signatories struggle in some of these areas
- Business led steps are always ranked at the bottom



- Majority of companies are increasing their average score year on year.
- New signatories show a positive start to their Ten Steps journeys.
- Some organisations have decreased in score. This could be due to different people/parts of the organisation completing the diagnostic.
- Where organisations have scores compiled from multiple employees, responses are lower than most derived from one manager completing the diagnostic.
- Some previous high scorers have not attended the event.



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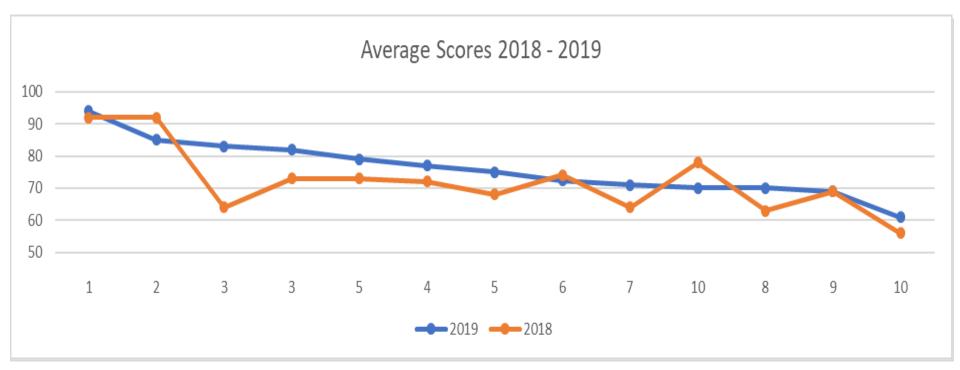
- 12 companies submitting for the first time.
 - Scored an average of 60.
- 20 companies who have submitted before.
 - Scored an average of 71.
 - 55% reported an increase since 2018.
 - 25% reported a decrease since 2018
 - Average (mean) difference in score is +2, the median is +5, and the range is 45.

Questions for Discussion

- What has your company done that you think has pushed an improvement?
- Why have some companies reported a decrease? Economic Climate? Re-organisation? Take over? Shift in Priorities?



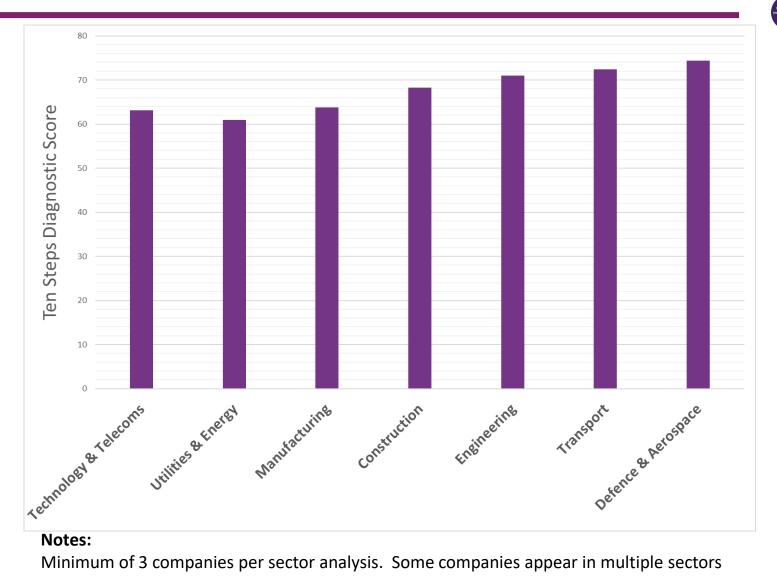
Are the Ten Steps having an effect?





STEP:

Average Diagnostic Score per Sector





WISE



	Best Step(s)		- Worst Step(s)	the same floxible working
Technology & Telecoms	Flexible Working	7.8	Educating Leaders	4.9
Utilities & Energy	Changing Mindsets	7.3	Transparency of Opportunity	5
Manufacturing	Changing Mindsets	7.4	Educating Leaders	5.6
Construction	Business Project	7.6	Transparency of Opportunity	5.7
Engineering	Flexible Working	8	Transparency of Opportunity	5.9
Transport	Business Project	8.5	Educating Leaders	5.9
Defence & Aerospace	Starting Point / Business Project / Flexible Working	8.7	Share Success / Sponsor Women	5.7





Do you monitor, by gender, who gets promoted within your organisation?

Do you give space and time to enable the development of career plans?

Do you have gender balanced promotion boards/panels?

Are the promotion, internal job application process and special project opportunities, transparent to all?

Do you proactively engage men and women to encourage them to consider promotion opportunities?



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2019 2018

1.27 1.10

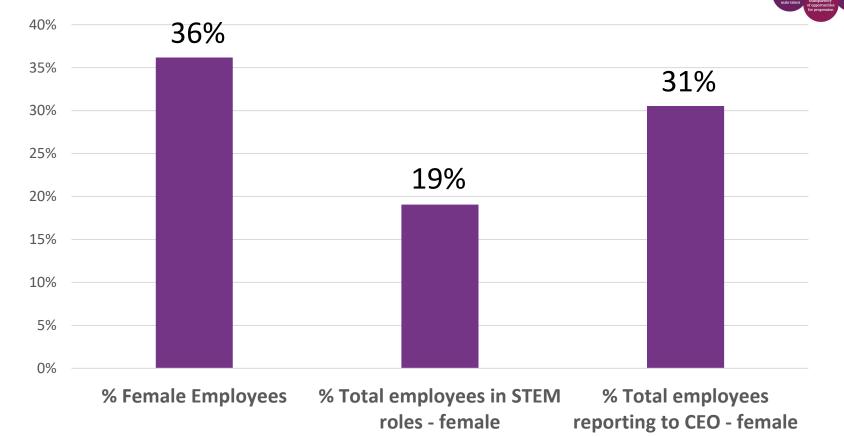
1.48 1.45

0.52 0.46

1.31 1.27

1.38 1.32

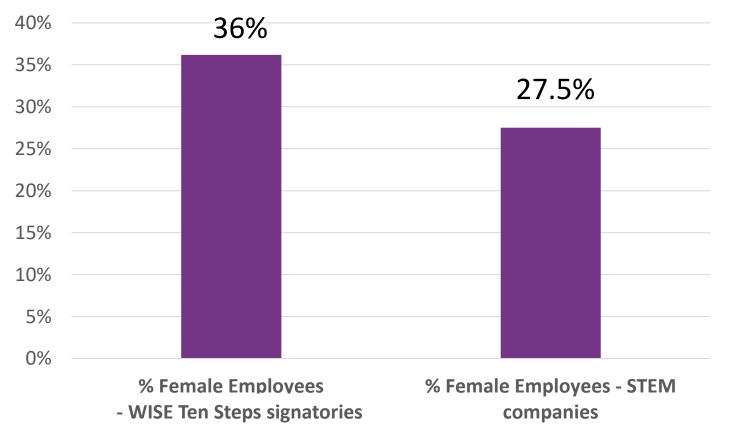








STEP:







STEPS

POVAL SOCIET **Knowledge Sharing Event** Advancing Gender Pay Gap Reporting What support is missing in the Gender Pay Gap Analysis? is to be taken Changing government reporting will not change anything until companies make action

Does the Gender Pay Gap Reflect Diversity Efforts?

- Gender Pay Gap is directly affected by:
 - Recruitment issues
 - Training / promotion constraints
 - Work & Tasks
 - Numbers of senior women
- Can be skewed by companies that employ lots of women in traditionally lower paid roles (the Tesco's effect)
- Not always a reliable measure of the effect / effort or progress of diversity and inclusion strategies

Question for Discussion

• What are the biggest constraints to improving the number of senior women in your organisation?

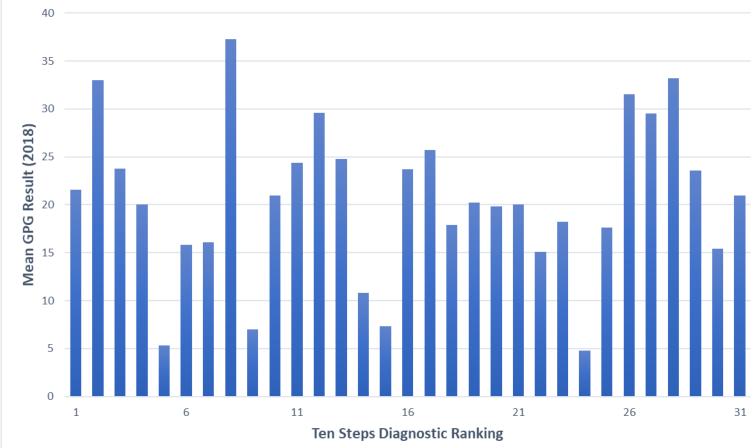
"Advancing Gender Pay Gap" Report in conjunction with RSC - now available on member webpages





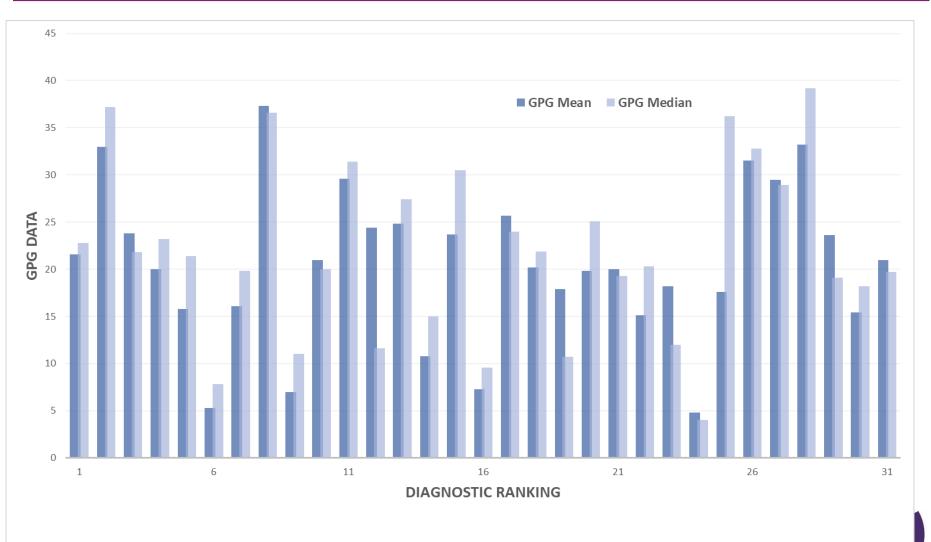
Does the Gender Pay Gap Reflect the Ten Steps Results?





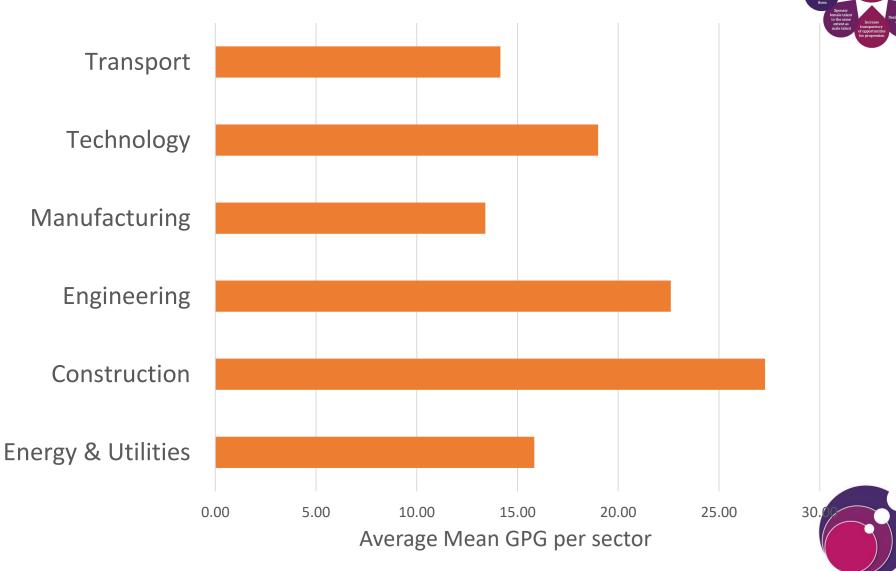


What happens when we add in Median GPG?



WISE

How does the sector affect the Gender Pay Gap?



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How is sector affected by median GPG?





New Best Practice / Case Studies



amazon.com



WISE—

Women in Innovation Knowledge Sharing Event





Knowledge Sharing Event Advancing Gender Pay Ga

2. What support is missing in the Gender Pay Gap Analysis?

Encourage role models to beco organisation in order to attract and technology roles

The tack of role models was identified as a substantial issue causing many women to doubt their ability to succeed in specific operational areas. Media representation was also identified as an issue as was unconscious bias in the recruitment process (particularly for older generation employees who have a set mindeet and distinct ideas 'on how things should be run'). The drawbacks of an inflexible culture around the issue of women wishing to have both a career and a family was also noted. Complacency and simple accepting the status qua among middle and senior management was also discussed.

Of particular interest was the fact that many of these issues do not simply affect women dated minkels about me leaving early for school plays, to help with parental leave, or covering childcare issues - mean that many men see taking time off work for family or personal reasons as something that is easier for a female to achieve. This results in women often bearing the hunt of childcare which can severely affect their career prospects - especially when mindets or manages that do not appreciate the complex issues often surrounding a request for more flexible working hours.

A severe lack of high-quality career advice was particularly seem as a problem to getting more females to consider a STEM career. This was highlighted as a national sace, with poor quality advice being gluen in schools and many youngstes being discouraged from a STEM career (looth male and female). The importance of dispelling mytis and improving access to and visibility of positive career role models of all ages was highlighted as a roticula necessity to improve conditions.



A trendees confirmed that the mandated often confusion as to what data needs to be collected – guidance documents are long and complicated, companies have to allocate significant resources to produce their reports and many companies do the absolute minimum required.

Collection of data is complicated by nonconformant software which makes data collection more difficult than it should be. Data is also easily skewed by:

 Bonuses – will change year on year depending on financial performance – base salaries offer a better comparison.

 Financial climate – pay gaps increase in years of good performance due to performance related pay and bonuses.

 UK-only reporting – struggle to engage global partners in the issue in multinational companies.

 Consistency of approach – relies on integrity of company to report the same stats.

Pressure externally can create the temptation to skew reporting with data that drives a quick fix correports that try to justify results but do not utimately address the underlying issues. Advocates at serior lovel are crucial to success and having a diverse and inclusive serior board will offer both note models and advocates that are personally involved and keen to change the company from the top. Education and communication about what CPG reporting entails and the specific issues and problems surrounding the CPG were also recognised as crucial to the success of any interventions.

It is also key to recognise that without an inclusive culture that supports and nourishes female talent, retention will remain low and the GPG will not improve – cultural changes are critical to ensure the retention of women.

Positive support required if GPG reporting is to be taken seriously

Making a Difference – why women M become innovators

> Make GPG reporting easy to achieve.
> Look into software that could gather data automatically.

 Ensure that the correct data is collected on a regular basis, even if not reported.
 Be clear about what data you are gathering

and why.

Be honest and clear about the data you are publishing.

 Do not be tempted to change the data to get better results.

Create action plans to fix the underlying issues.
 Engage staff on the problem of GPG:
 Report data clearly, concisely and honestly.

 Do not make the GPG a 'blame game' – be dear about the actions required.
 Have advocates at senior board level.

Communication is key to success: - Educate everyone from board level to shop floor about what the GPG is, what the implications to business are and why it is so important to address it. - Be clear about the differences between equal

pay and equality. • To truly address the problems underlying

the GPG, action plans need to be set in place that:

- Improve the attraction, promotion and retention of women. - Attract more women into STEM roles.

- Improve the number of women in senior roles

"Changing government reporting will not change anything until companies make action."



uced by WISE

1 2019



- 81% (26/32) companies provided data on the number of (female) employees.
- 50% (16/32) companies provided data on number of (female) employees within STEM roles.
- More data would mean:
 - more robust findings
 - better recommendations
 - ..and more effective actions for our members!







Sharing Best Practice

Suzanne Walker HR Director TSP Projects



campaign for gender balance in science, technolog & engineering



Technical Solutions in Partnership

Diversity & Inclusion – Our Journey So Far

October 2019

The TSP Projects Journey

- Some History
- Initial Observations
- What was our Starting Point?
- Our Aim & Commitment
- Developing the Plan
- Where are we now?
- Reflections





Technical Solutions in Partnership

TSP Projects - A Systra Business

October 2019

Some History

- There had been a desire at TSP to become more Diverse & Inclusive for many years
- This desire gained momentum and started to move from aspiration to focussed action from about 2017
- Whilst TSP recognised the importance of addressing the broader Diversity & Inclusion agenda, particular interest was taken to focus on the lack of woman across the business and within our industry
- One of the key factors influencing this was the keen interest shown by the CEO Craig Scott. He was clear that as a business we needed to increase the number of woman in our business if we were to be successful moving forward
- The Woman In Business (previously Woman In Engineering) group had been in place since 2017



Initial Observations from 2018

- On joining TSP in 2018 I was struck by the desire and intent to make a difference in terms of increasing the number of woman in our business
- I was also intrigued! There appeared to be high levels of investment in a range of activities but the purpose of this and the output gained from it was not clear
- I went into fact finding mode, these were my observations:
 - There didn't seem to be any understanding of the current position or where we were starting from
 - There was a lack of clarity in terms of what we wanted to achieve
 - There was a lot of passion, ambition and drive but it was all a bit out of control
 - There was a lot of frustration at the lack of progress there seemed to be a lot of discussion about what <u>wasn't</u> being done!
 - Some of the fundamentals seemed to be lacking there was no D&I Policy in place
- The next step was to drill into a number of areas to try and flush out what our strategy, commitment and plan should be

TSP Projects

What Was Our Starting Point?

- As part of my fact finding exercise I repeatedly came up against comments such as:
 - "We're not doing enough to address this situation"
 - "# 9% is not enough"
 - "We're diluting the issue by focussing on all woman and not just woman in Engineering"
- When I asked questions like:
 - "What is our actual gender ratio at TSP?"
 - "What is the % of woman holding management or senior roles?"
 - "How much investment are we actually making?"

I was generally faced with the same answer - "We don't know"

- I concluded the review in July 2018, and had established:
 - Our overall gender ratio was 24%, this was split as follows:
 - Non Technical 58% female
 - Technical 16% female
 - Engineering 14% female
 - Project Management 15% female
 - Architecture 31% female
 - 15% of our Managers were female
 - We had no central controls in place in terms of approving spend or effort



Our Aim & Commitment

- Having gained insight into our starting position, the next step was to establish what we wanted to achieve and what our commitment was to support this
- A broad statement of intent was developed in conjunction with the CEO and the Exec team:

At TSP Projects we are committed to the promotion of equality of opportunity for all. We want to attract talented people, to do this we encourage a culture that values and celebrates the diversity of our employees. Our priority is to increase the number of women across our workforce and particularly in senior positions.

- A commitment to achieve the following targets was made:
 - Overall Female % of workforce 35% over 3 years
 - Technical Female % of workforce 20% over 3 years
 - Raise the profile of woman in the business with a target of 25% of our management roles to be held by woman
- It was agreed that the Woman In Business group were to play a pivotal role in developing and supporting the implementation of the plan



Developing The Plan

- If the Woman In Business group were to be instrumental in developing the plan, some fundamental issues had to be addressed before being able to meaningfully support this activity
- The main issues were:
 - The group spent most of their time arguing about what they should be called, who should be doing what, who made decisions...... and the list goes on!
 - There was no governance in place in terms of meeting protocol, reporting, budget, authority to commit, etc.
 - There was a general lack of clarity in terms of what the purpose of the group was
- The first priority was to ensure WIB was operating in an effective and purposeful way
 - I took over the position of Chair of WIB (from Craig)
 - The Committee structure, mandate and authority to commit were clearly set out
 - A plan of all activity which had been committed to or discussed was presented to the group to review, validate and build on
- It was agreed that a workshop should take place to validate the draft plan and to reference this against the WISE 10 Steps. This took place in August 2018 and the 3 Pillar Action Plan was the output.



The TSP Diversity Action Plan: Three Pillars

Effective Branding	Support & Growth	Attracting Talent
 Review our employer brand to ensure we are positioning ourse ves effectively* Determine the right external events to attend and ensure appropriate individual attendance to gain insight and raise exposure Co-ordinated process and approval mechanism for attending external events. Link with the SPARK activities TSP to establish partnerships and sponsorships with groups/bodies who will help support/achieve our diversity objectives, being clear on cost/benefits* Cultural change to embody and drive diversity objectives* Separate WIB brand identity supported by the WIB SharePoint site WIB group to provide insight or a sounding board for any actions owned by HR or Comms 	 Mentoring Programme introduced, including reverse mentoring*(not to overlap the existing professional development sub groups) WIB members to provide support if mentoring or coaching highlights an individual need Management Development Programme to include diversity objectives and diversity upskilling* Review of Policies* Flexible Working – more visibility and empowerment Maternity Leave/Returnship Schemes Family Friendly CSR and Sustainability Talent Management Frameworks Introduced to ensure robust processes are in place in term of progression/succession/ secondments* Defined career paths that work vertically as well as horizontally* Develop a competency framework aligned to cultural change* Informal internal networking/support groups Understand the requirements for women which may be different to men* 	 Review and update all recruitment activity & documents to ensure gender bias/language is addressed* Attraction strategy to be reviewed to ensure all channels are being fully exploited including targeted campaigns* Understand where the candidate pools are and who, what, where qualifications are being studied* Internal recruitment approach* Training and development for recruiting managers e.g. unconscious bias*

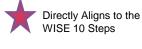
MEASUREMENT

Objectives & Targets Communicated

Monthly review of MI: Female recruits/leavers/promotions/ratio of shortlisted candidates Employee Opinion Survey – Output Reviewed and Action Plan Developed

CULTURAL CHANGE





* Denotes actions already in the People Plan * Denotes Comms actions Remaining actions to be owned by the WIB group

What Were The Main Break Through Moments?

- The 2018/19 and 2019/20 Strategic Objectives for the business included :
 - Growth Focus on addressing gender imbalance
- This was cascaded to each Executive member & all of management through their annual objectives:
 - Contribute to the delivery of the TSP strategic objective to ensure equality, diversity and inclusion in everything you do, with particular focus placed on improving gender balance
- Implementation of a new HR system resulted in a significant improvement in HR's ability to report people data in a meaningful and accurate manner
- Quarterly slot at Board to update on progress and track achievement against targets
- WISE participation in our Business Excellence Awards thank you Karen!
- Enhancements to Key Policies
 - Family Friendly Policy
 - Flexible Working Policy
 - CSR & Sustainability Policy



Where Are We Now?

- The 3 Pillar Plan is being further reviewed a follow up workshop with WIB is scheduled for 16th October 2019
- Current KPI's are tracking as follows:
 - Overall Female % of workforce 27% (compared to 24% in July 2018)
 - Technical Female % of workforce 16% (compared to 16% in July 2018)
 - Raise the profile of woman in the business 19% of management roles held by women (compared to 15% in July 2018)
- Management Development Programme Roll Out November 2019, with key focus on diversity throughout
- The WIB group is thriving monthly new joiners bringing fresh energy and focus
- We now need to maximise the value of being part of Systra the early signs look good!



Reflections

- We're pleased with the progress we've made but there's still a lot more to do
- Celebrate each success story we have a lot but we haven't shouted about them enough
- We haven't done enough to showcase our fantastic Early Careers commitment. This is a key talent pipeline and we need to do more to rebalance the gender intake year on year
- The action plan was powerful and effective but some areas didn't make the expected progress due to BAU activity getting in the way e.g. Recruitment!
- I've found that in a smaller, independently run business I was more able to implement new initiatives quicker and the impact of these were evident more quickly





Technical Solutions in Partnership

Thank You

Questions?



Sharing Best Practice

Harriet Padina **Siemens**



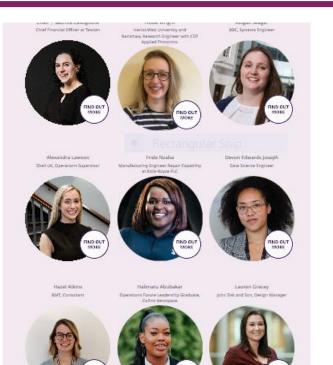
campaign for gender balance WISE in science, technology & engineering



- An opportunity for a senior manager to gain insight from a mentor with a different perspective
- Junior, different gender and background
- A personal commitment to learning and development
- Works best with a clear framework and agreement



WISE Young Professionals' Board



Natia Lori

Narmeen liehmar Rebecca Winstanley of T. Tarthelizian of the Reveal Air Corre-



RND OU





"We want to see which WISE member companies have senior management who would find an impartial, external, young professional mentor helpful for their own development."



WISE Awards 2019



Hosted by

Fran Scott

With special guests

BAFTA Winning STEM presenter Maddie Moate Television presenter and influencer Greg Foot Science author and communicator Dr Emily Grossman BBC presenter Dallas Campbell

#WISEAV



REFRESHMENT BREAK





campaign for gender balance



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Open Discussion







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- Chatham House Rules
- All attendees are members / signatories
- Please share experiences and learning
- Tell us how you are using the Ten Steps
 - What has gone well?
 - What would you like to see improve next year?
 - Which step do you want to focus on next?
 - Are there any barriers to your efforts?
 - What effect is the economic climate having?





Share your Experiences

- Split into groups.
- 6 Discussion points
- Move around the room

For each step:

- Why is this step difficult for your organisation?
- What have you done to improve?
- What are the specific challenges?
- What do you need help with?
- What do you want to improve?
- What are others doing in your field / sector?

Facilitators will be on hand to help guide the discussion

Chatham House Rules World Café Style



Ten Steps Results - 2019

	Diversity-led
Approach this like any other business improvement project	Diversity icu
Approach this like any other business improvement project	ess-led
Understand the starting point so you can monitor progress 4 Busin	ess-led

Be creative in job design

Share learning and good practice

Demonstrate to women that you want to retain and develop them

5
6

(7)

HR / Diversity-led HR / Diversity-led

Business-led

Educate your leaders, give them accountability for change		
Sponsor female talent to the same extent as male talent		
Increase transparency of opportunities for progression		

- 8 9 10
- **Business-led**

Business-led

Business -led





Looking forward to 2020 with the Ten Steps

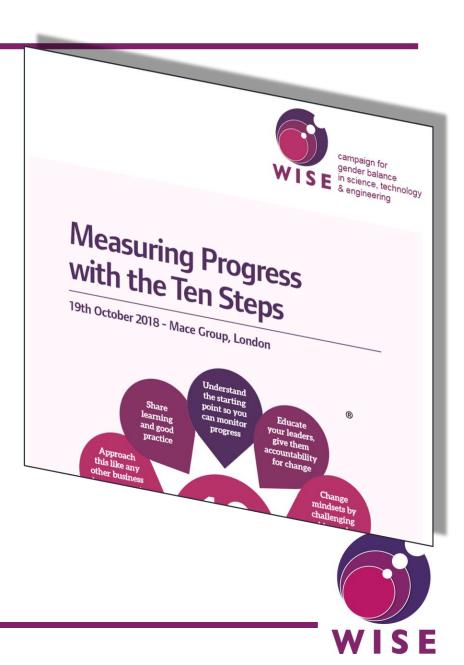


- Increased number of best practices and case studies
- Update of diagnostic tool to streamline answers
- Development of tools for returners and retraining



A report will be disseminated to all attendees after this event

Thank you for your time and efforts!



WISE – Ten Steps









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