

Re: How the percentages apply to an SDG

Leeanna Kohn-Hardy <leeanna.kohn-hardy@finappster.co.nz>

Wed 20/04/2022 7:01 PM

To: Jose Santos <sff4900@autuni.ac.nz>

Cc: Barry Dowdeswell <barry.dowdeswell@aut.ac.nz>; John Isaiah Sangalang <jsj6212@autuni.ac.nz>; Chris Stehlin <prq5006@autuni.ac.nz>; Peter Scandle <vzp7444@autuni.ac.nz>

Thanks Jose

So if we focus on working out the total renewable energy consumed by BHP in the raw data tab

Calcs for one share/company within a fund:

- we take the financed per cent weighting (cell P2), and
- multiply that by the total renewable energy consumed (cell U2), to get
- = 262MWh for this reporting period

Calcs for all shares in a fund/by provider:

- we apply the above calculation to all shares in the fund (or in this case, it's the ASX), so
 - $P2 * U2 = 262$
 - $P3 * U3 = 0$
 - $P4 * U4 = 1$
 - $P5 * U5 = 1,882$
 - $P6 * U6 = 2$
- and add them together to get a total of 2,138MWh of renewable energy consumed across these five example companies
- and we also apply the following calculation to the total energy consumed
 - $P2 * S2 = 1,041,686$
 - $P3 * S3 = 0$
 - $P4 * S4 = 56$
 - $P5 * S5 = 3,265$
 - $P6 * S6 = 276$
 - and we need to add these together so $1,041,686 + 0 + 56 + 3,265 + 276 = 1,045,283$ to get the maximum for the fund

Calcs for single Prosperity figure

1. Prosperity includes Clean energy (as per calcs above), decent work and economic growth, industry innovation and infrastructure, reduced inequalities and sustainable cities and communities, so multiply the respective weightings in column P to:
 - decent work and economic growth, include
 - Works 50 hours per week or more: column DL for company
 - Job autonomy and satisfaction: column CM for company
 - Collegial relationships and job satisfaction: column CN for company
 - Relationship with direct boss and job satisfaction: column CO for company
 - Est. staff not leaving employer: take the total number of people in column EN and subtract the total number of people not leaving their employer in column DA
 - Employees not under 18 years of age: column DF for company
 - Flexible working conditions: column CK for company
 - industry innovation and infrastructure (nothing yet for this one)

- reduced inequalities include
 - Employees not discriminated against: so take the total number of people in column EN and subtract the total number of people discriminated against in column CJ
 - sustainable cities and communities (nothing in this one yet either)
2. then to work out the maximum for all companies within the fund take the sum total of column EN (or total number of people), proportionate to the respective weighting of shares in column P, and
 3. divide the figure you get in number 1 above by the figure you get in number 2 above to get your single figure per cent.

For the People category use the same principle above for

- No poverty
 - Employees get a minimum of a living wage, col DB
 - Employees paid for overtime worked, col DM
 - 14 wks paid maternal/paternal leave, col DR
- Zero hunger (nothing in this one yet either)
- Good health and Wellbeing
 - 14 wks paid maternal/paternal leave, col DR
 - est. # those not made injury claims, total number of proportionate people in col EN and subtract the proportionate number in col CX
 - Completed H&S training, col CF
 - Employees who haven't died at work, total number of proportionate people in col EN and subtract the proportionate number in col CZ
- Quality education
 - Completed H&S training, col CF
 - Employees undertaking company-paid job training, col DE
- Gender equality
 - Number of females on executive boards, take the proportion of the per cent in col CI for each company and create an average
 - Average pay difference for females versus males, take "1" and subtract the total for companies in the fund for female salaries, divided by the total for companies in the fund for male salaries

Hope that makes sense and that you can **apply the same logic to the Planet category** otherwise I'm on email or back at my desk next Wednesday 😊

Kind regards

Leeanna

CEO & Founder | [finappster](#)
m. +6421 284 1172

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From: Jose Santos <sff4900@autuni.ac.nz>

Sent: Wednesday, 20 April 2022 17:19

To: Leeanna Kohn-Hardy <leeanna.kohn-hardy@finappster.co.nz>

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Subject: How the percentages apply to an SDG

Hi Leeanna,

Thank you for coming in for the meeting today. Me and the team are working on finding the best template to use and how we will implement this within the app.

As I have mentioned, can I please get an explanation and/or resources for how to apply the percentages to a share get the weighted SDGs for its corresponding fund.

In the meantime, the team and I will optimize the app so that it doesn't crash in the future when uploading big files.

Thanks,
Jose