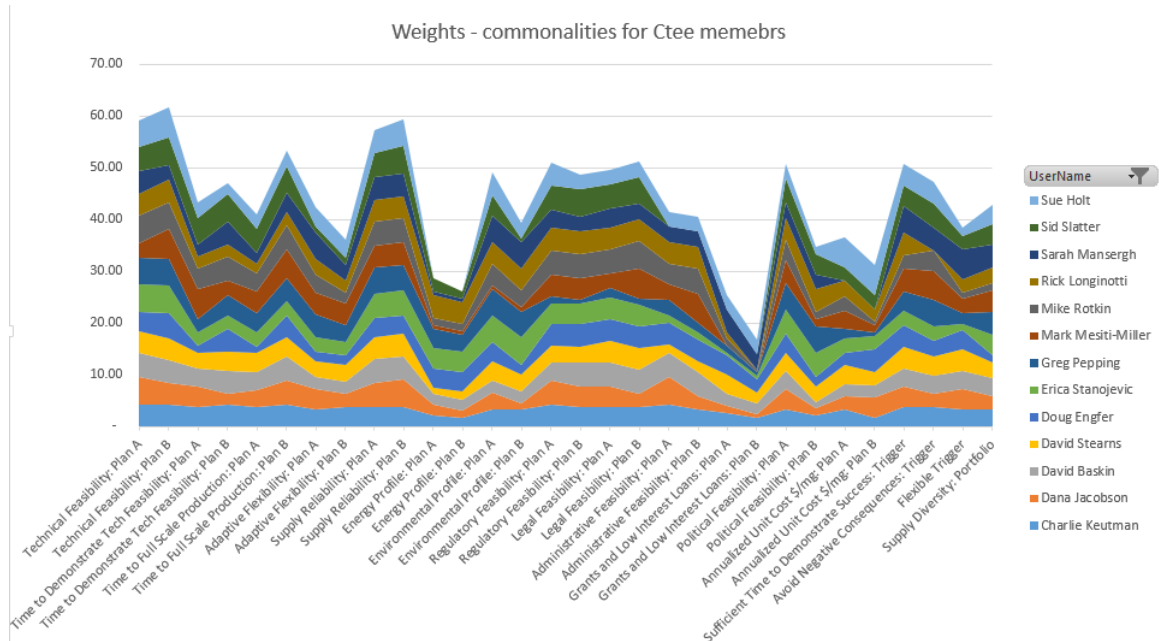


Subject: Weights to Inform your Portfolio-building (ratings and decision scores later!)



Esteemed Ctte Members—

Figure A, a **stacked area graph** (above) provides a gestalt of the overall weights distribution. You can quickly see, for instance, that the potential to secure grants and low interest loans is probably not a deal-breaker. By contrast, *Technical Feasibility* appears to matter to a lot of people.

Attached, we also provide Figure B, which pulls out the weights for the **A/B criteria** and lets you compare them easily.

When you want to see more detail, go to Figure C 1-13, showing sets of **Portraits & Vignettes**. You are familiar with the Portraits from last time—this time they allow you to see how each person weighed all 30 criteria. That’s a lot of criteria! Therefore, we took the portraits and simplified things a bit—you’ll see these ‘Vignettes’ tell a quick and easy version of each portrait.

In Figure D, I took **all 13 Vignettes** and mocked them up on a single legal-size sheet; I hope you’ll find it helpful to be able to see them all at once.

So... if you are wondering... did Philip and Carie just give us the same information in 5 different ways? Yes, that’s exactly right. Scan these materials and pick what works best for you; ignore the rest.

Also, yes, a lot of these are radar graphs. I made a little sketch explaining **how to read a radar graph** should you wish a reminder.

All the graphs are high res so please zoom to your heart's content.

When you look at the portraits, are you tempted to say “uh oh we’re all over the place”? You *are* all over the place, but don’t say ‘uh-oh.’ By constantly refining the criteria and your thinking about the Portfolios, you have eliminated some of the easy stuff. For instance, imagine if you did another MCDS run—it is possible you would drop the *Grants & Loans* criterion. That means the next time you ran the model, an area of agreement would drop out of the showing. But you wouldn’t have gone backwards in collaboration! Rather, you would be honing in more effectively on the tough stuff.

Still need cheering up? Go back and look at the stacked area graph. There’s important agreement about the importance of *Technical Feasibility* and *Supply Reliability*.

Finally, weights in isolation can be misleading. Sometimes diverse weights are resolved by coming together on values and singing Kumbaya. But sometimes they are resolved by the facts. For instance, let’s say one of you cares a lot about *cost* and not at all about *supply diversity*, and the other cares a lot about *supply diversity* and not at all about *cost*. That looks intransigent. But if you can come up with a plan that is cheap and offers diversity, there’s no problem between the two of you, regardless of the differences in your values.

You will have a more complete picture—looking at the ratings (which orient you more towards the facts) and the weights in combination-- when we send our full report. Expect that on July 17th.

Thanks for all your good work—

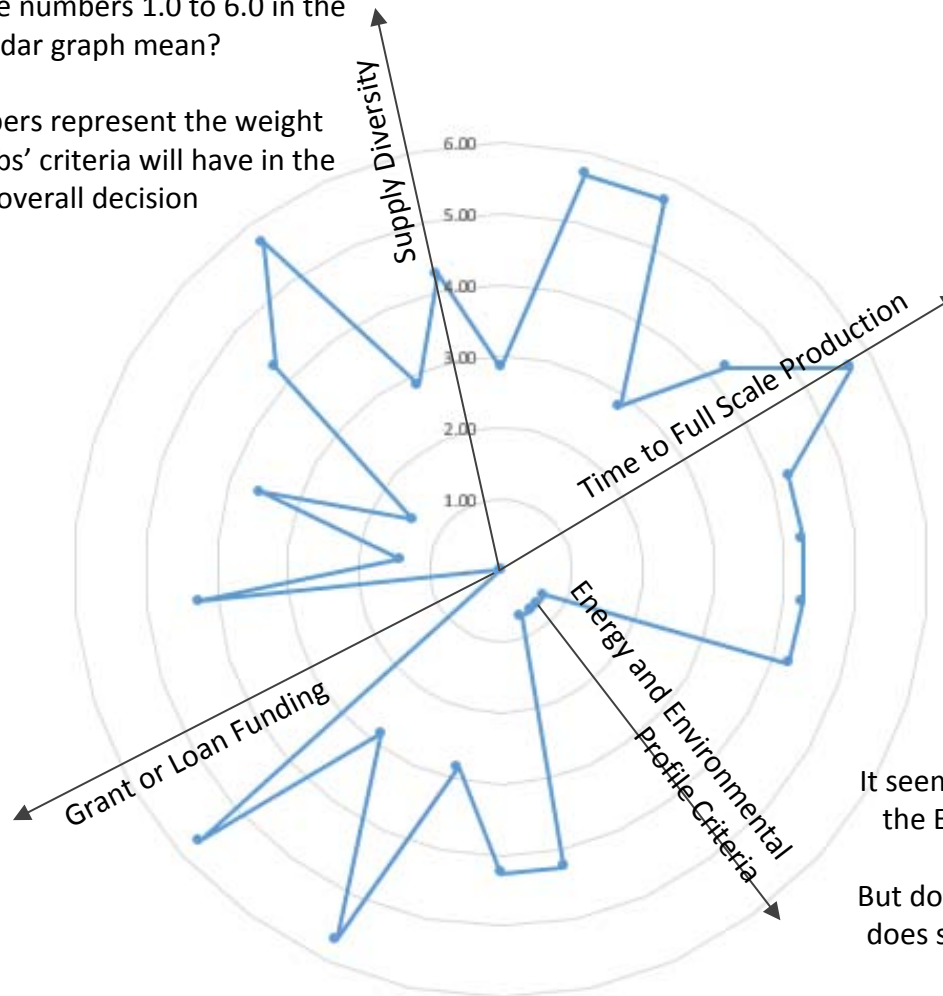
Carie

HOW TO READ RADAR GRAPHS

The radar graph figure below shows how Babs Smith weighed all the MCDS criteria for Plan A, Plan B and for the triggers. Babs' radar graph can help others understand how she prioritizes the criteria from the most to the least important. Criteria with dots closest to the outer edge are more important than those closer to the center. See the notes below for additional explanation and discussion. (Note: Names of all the criteria haven't been included to make this explanation less cluttered.)

What do the numbers 1.0 to 6.0 in the radar graph mean?

The numbers represent the weight each of Babs' criteria will have in the overall decision



For Babs, the criterion "Time to Full Scale Production" was very important

It seems Babs didn't care very much about the Energy and Environmental Criteria.

But does she really not care about them or does she just think they're less important than something else?

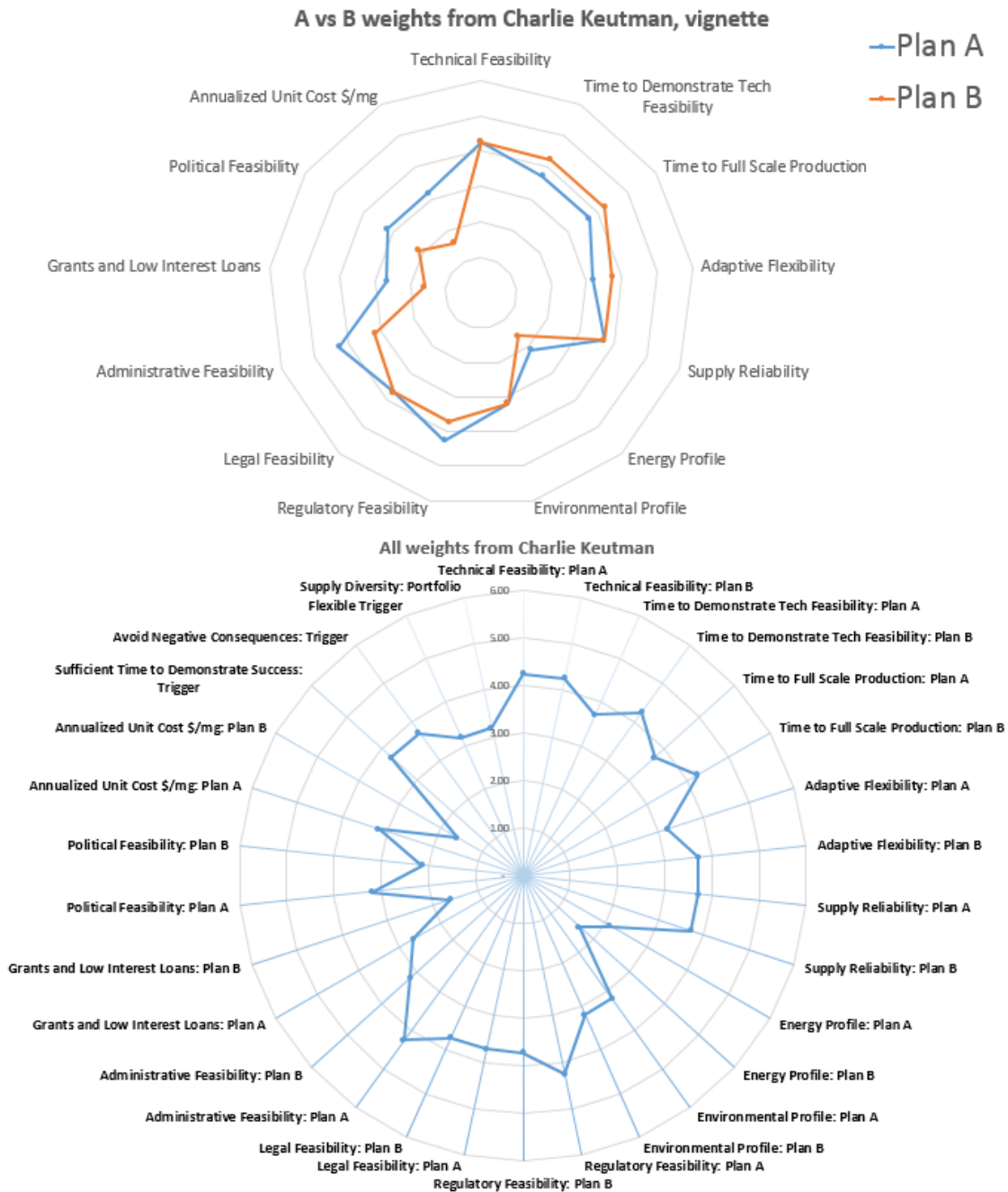
Good question! You could ask her about it to make sure you understand what her weights mean.

Babs didn't think eligibility for grant or loan funding was an important criteria

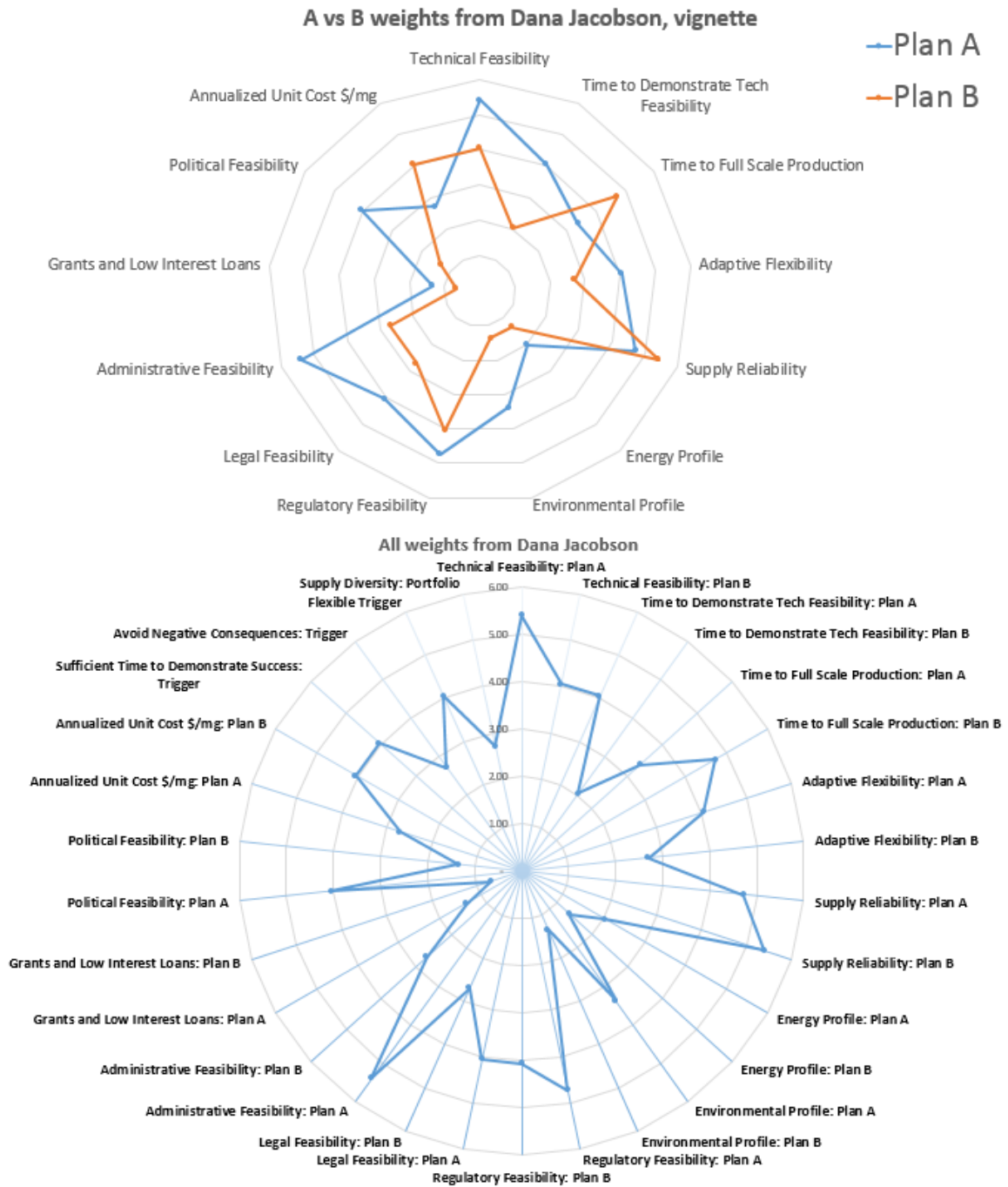
June WSAC MCDS: Weights Portraits for Committee Members v1

Source: Weights v7 – July 7th, 2015. Radial axis lines added to portrait,

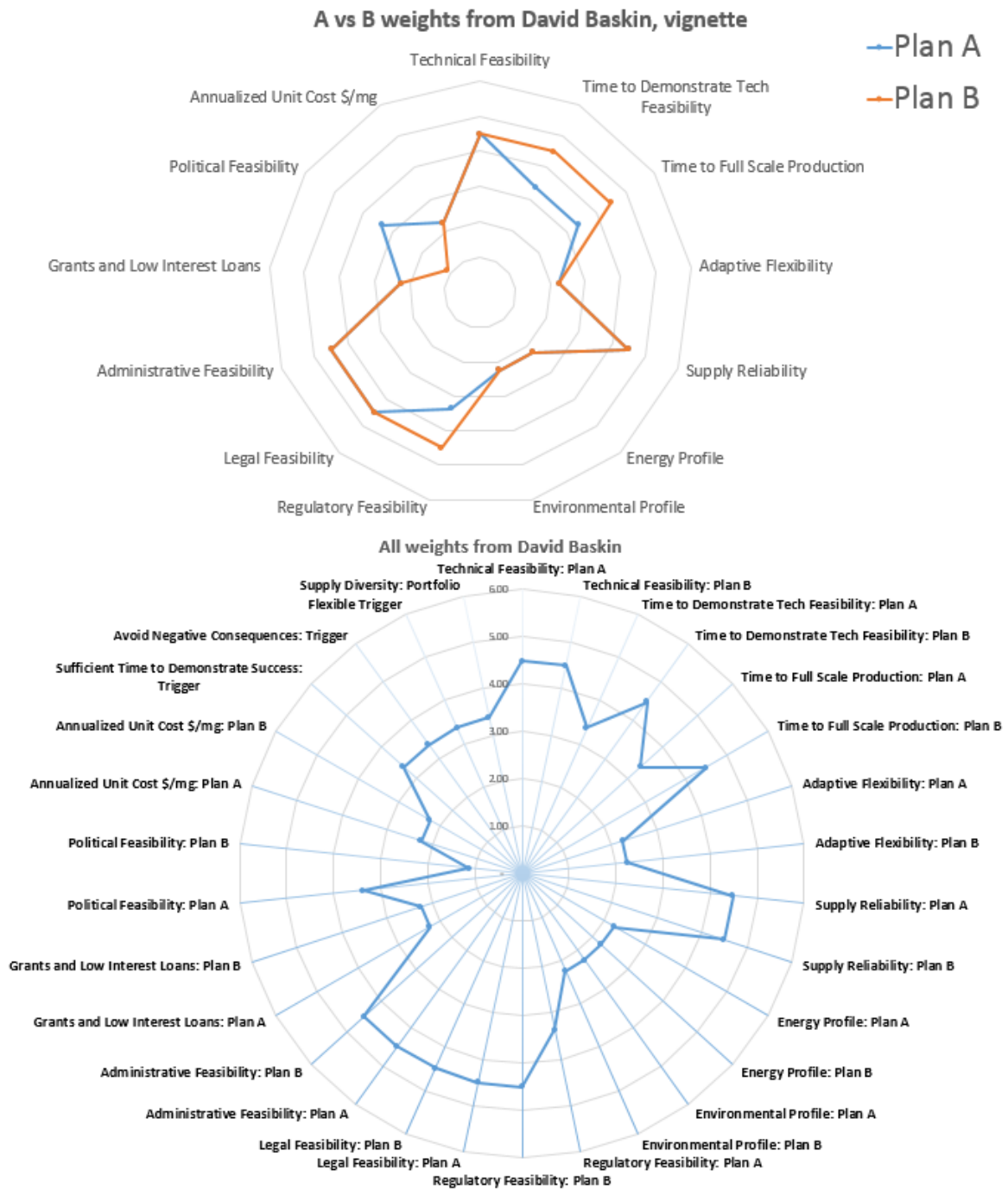
1. Charlie Keutman



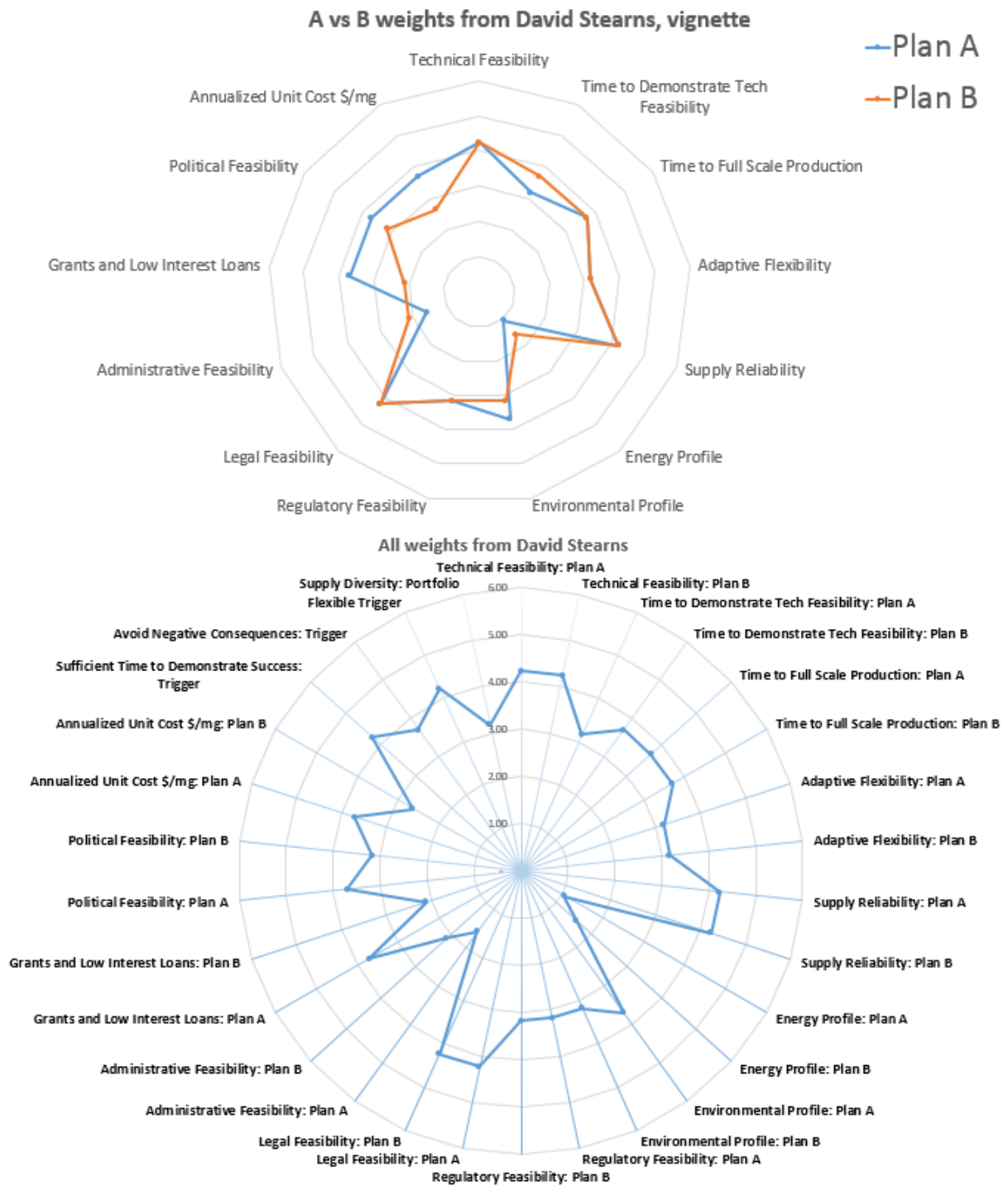
2. Dana Jacobson



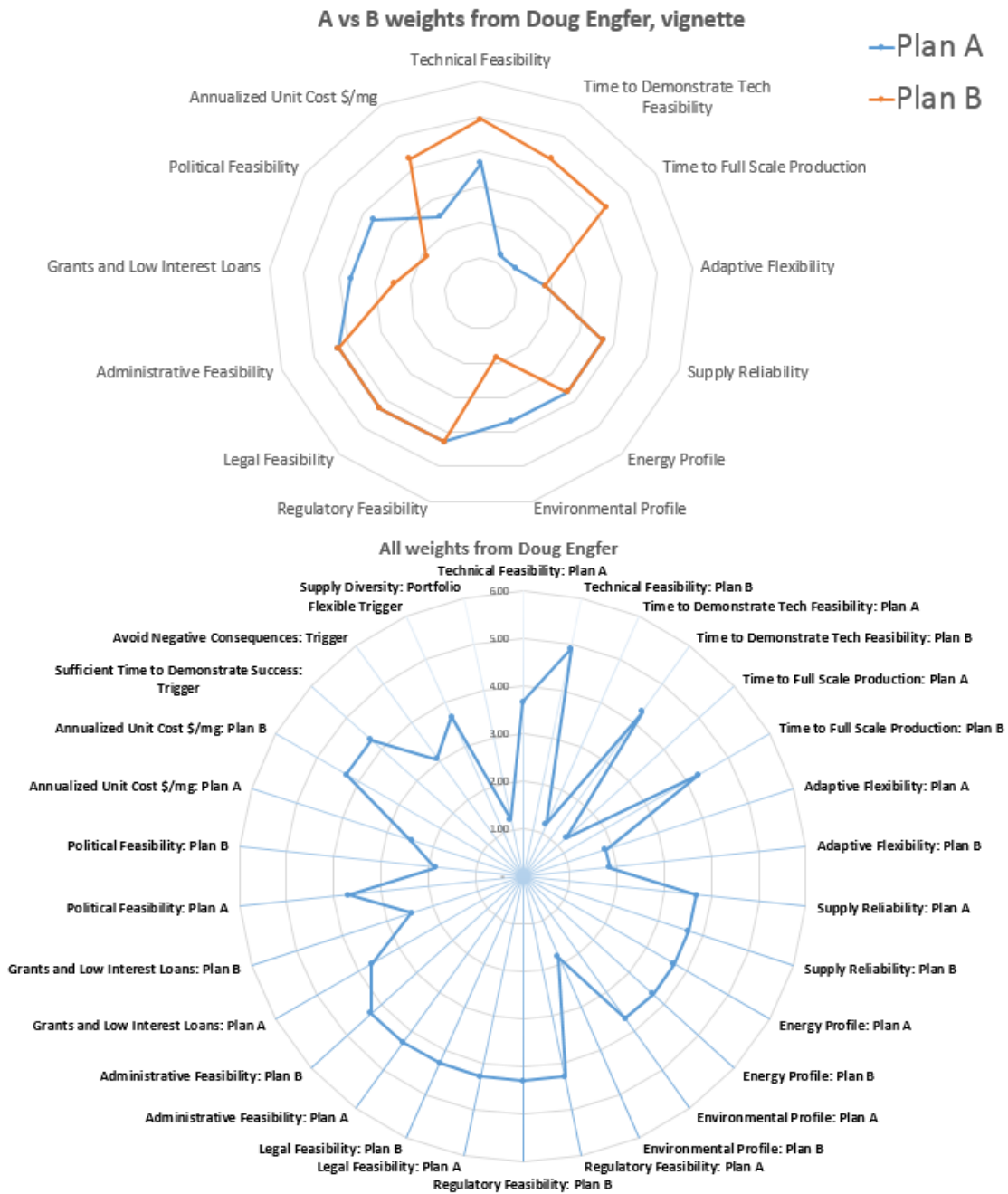
3. David Baskin



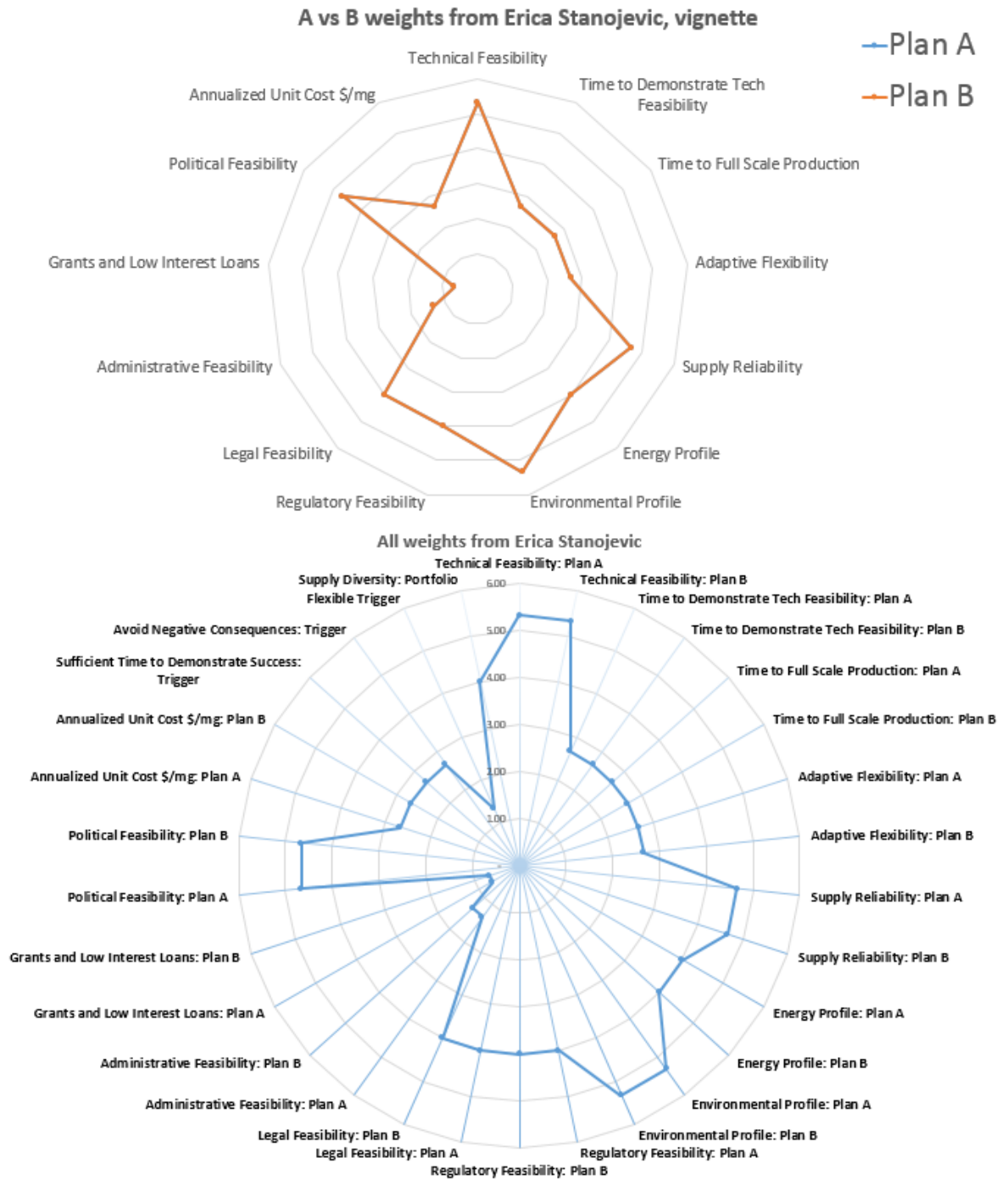
4. David Stearns



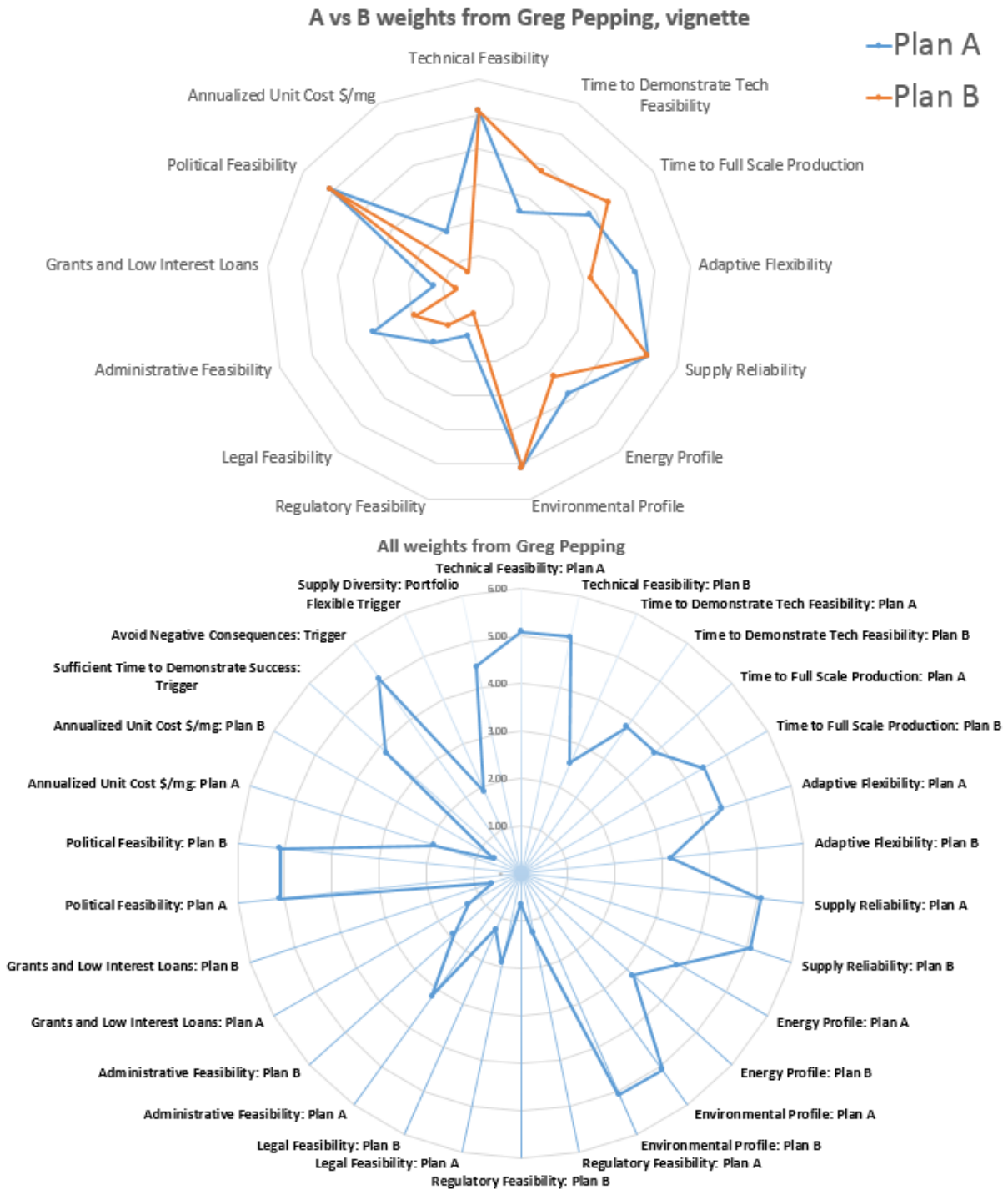
5. Doug Engfer



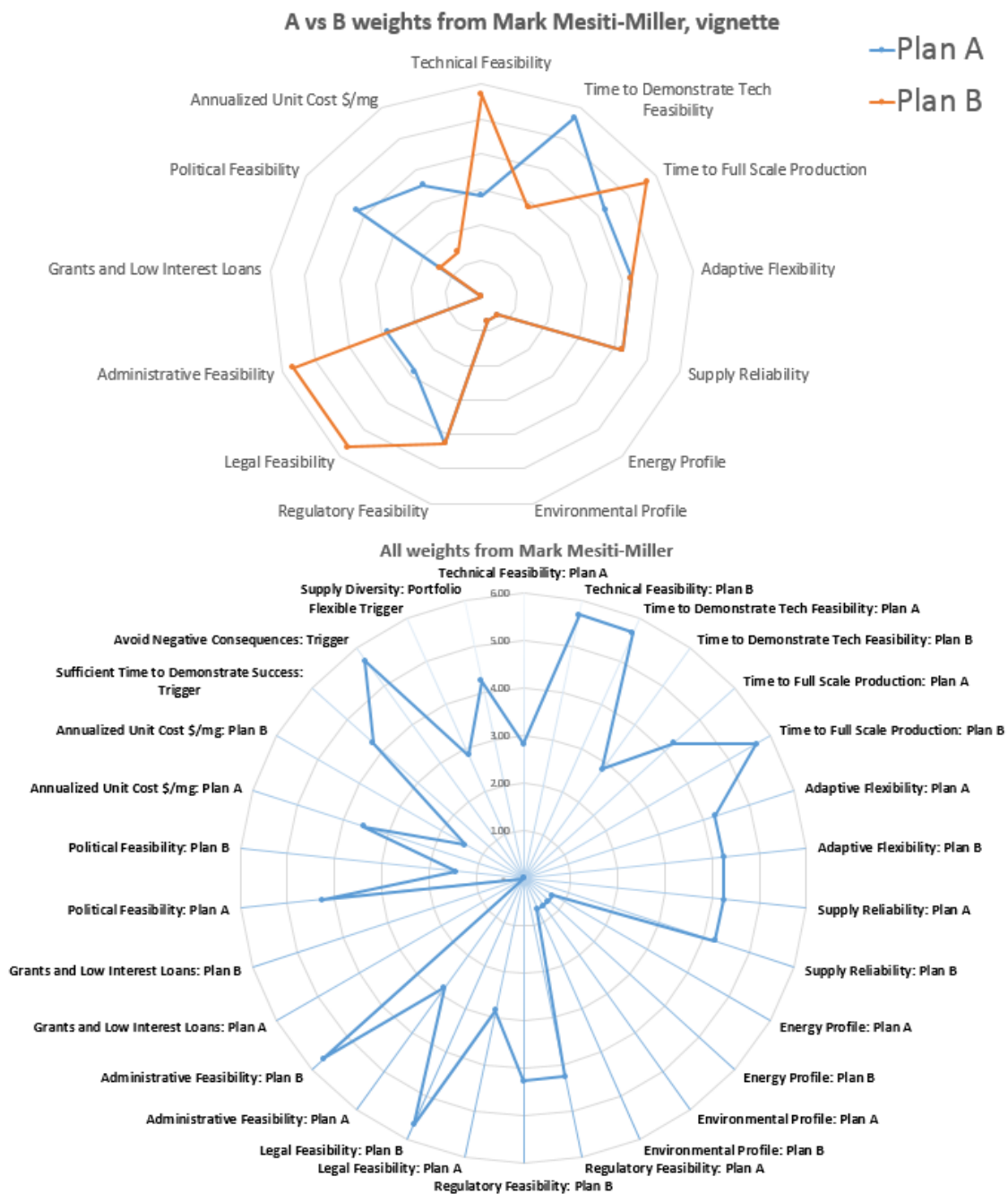
6. Erica Stanojevic



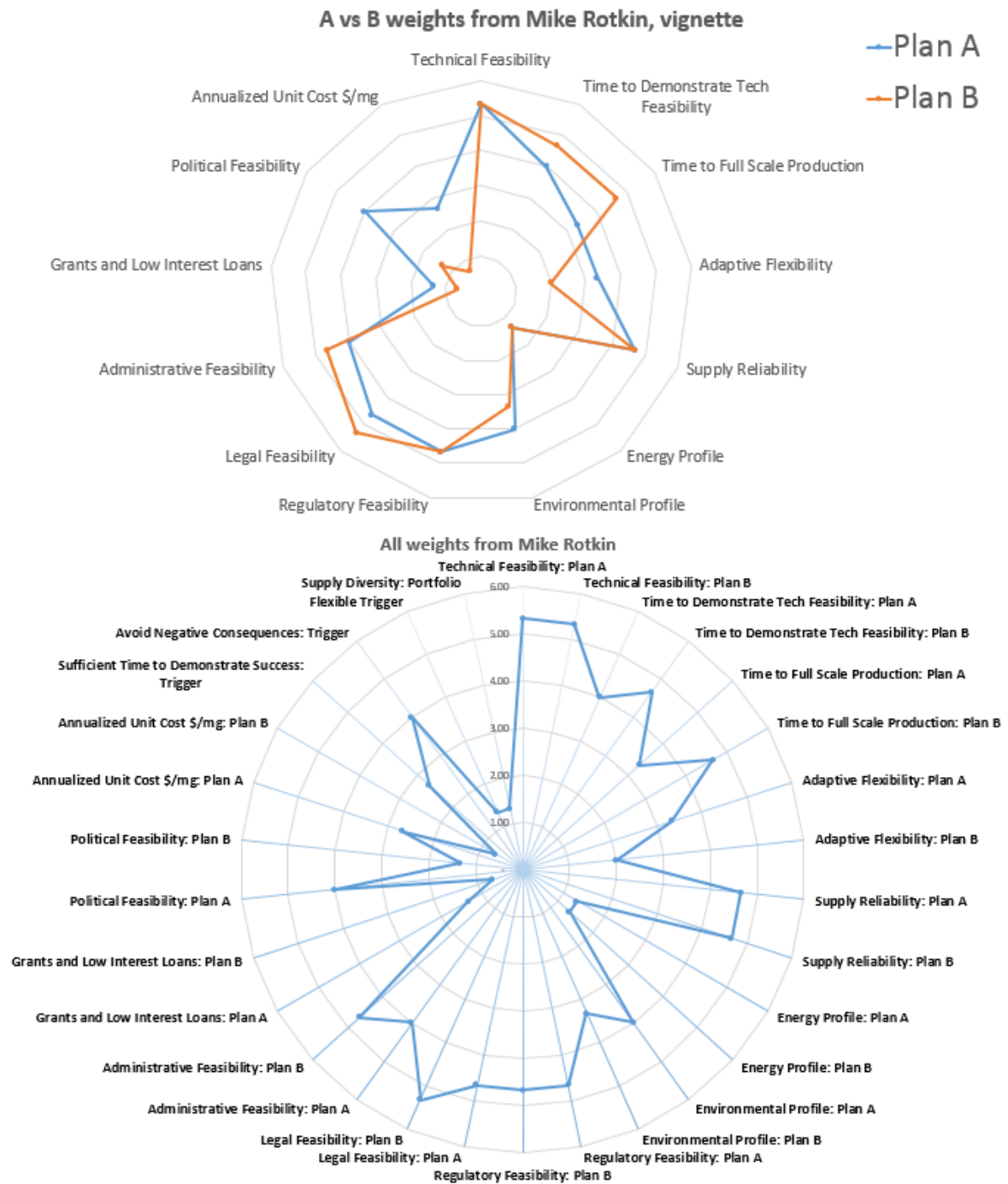
7. Greg Pepping



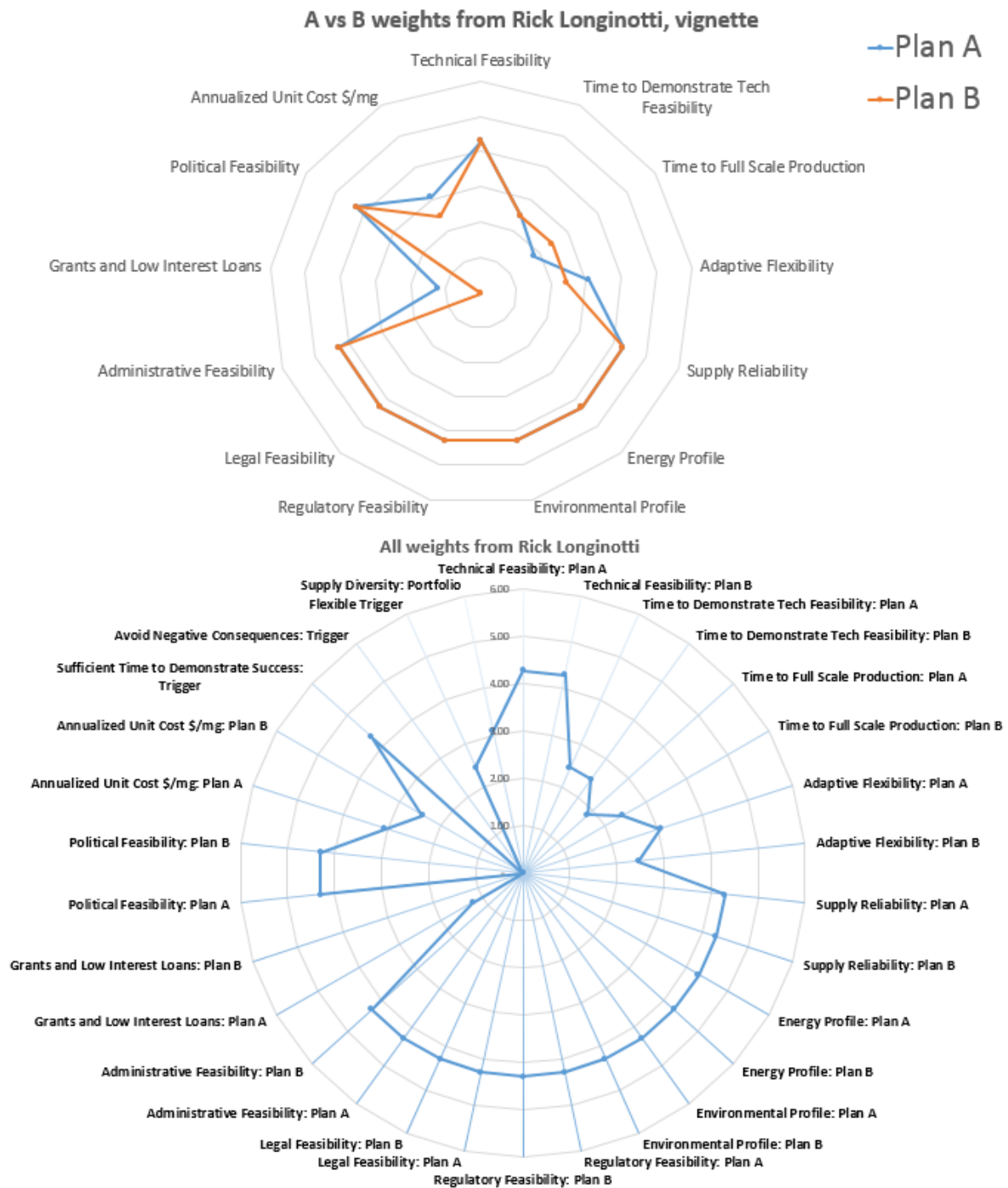
8. Mark Mesiti-Miller



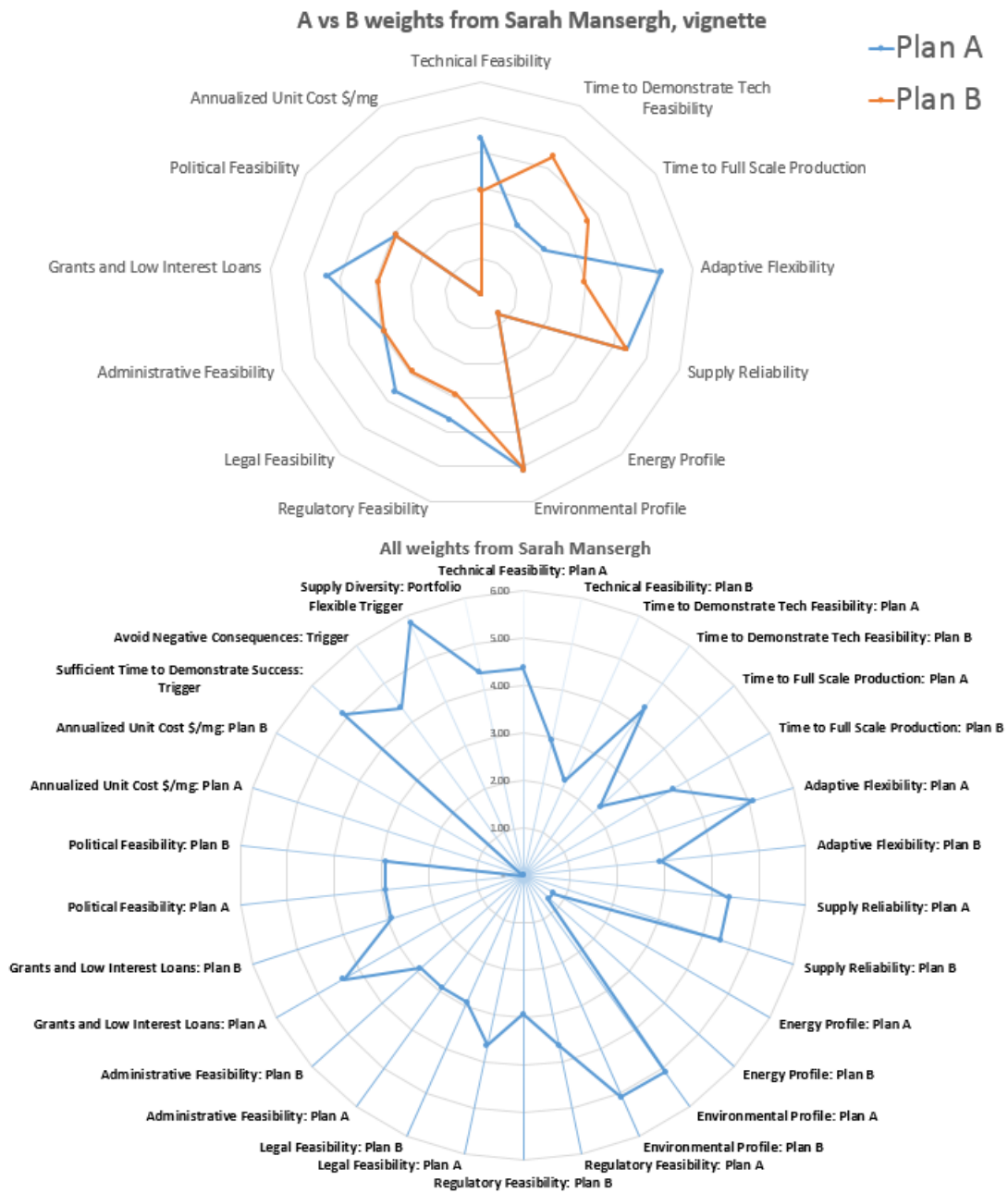
9. Mike Rotkin



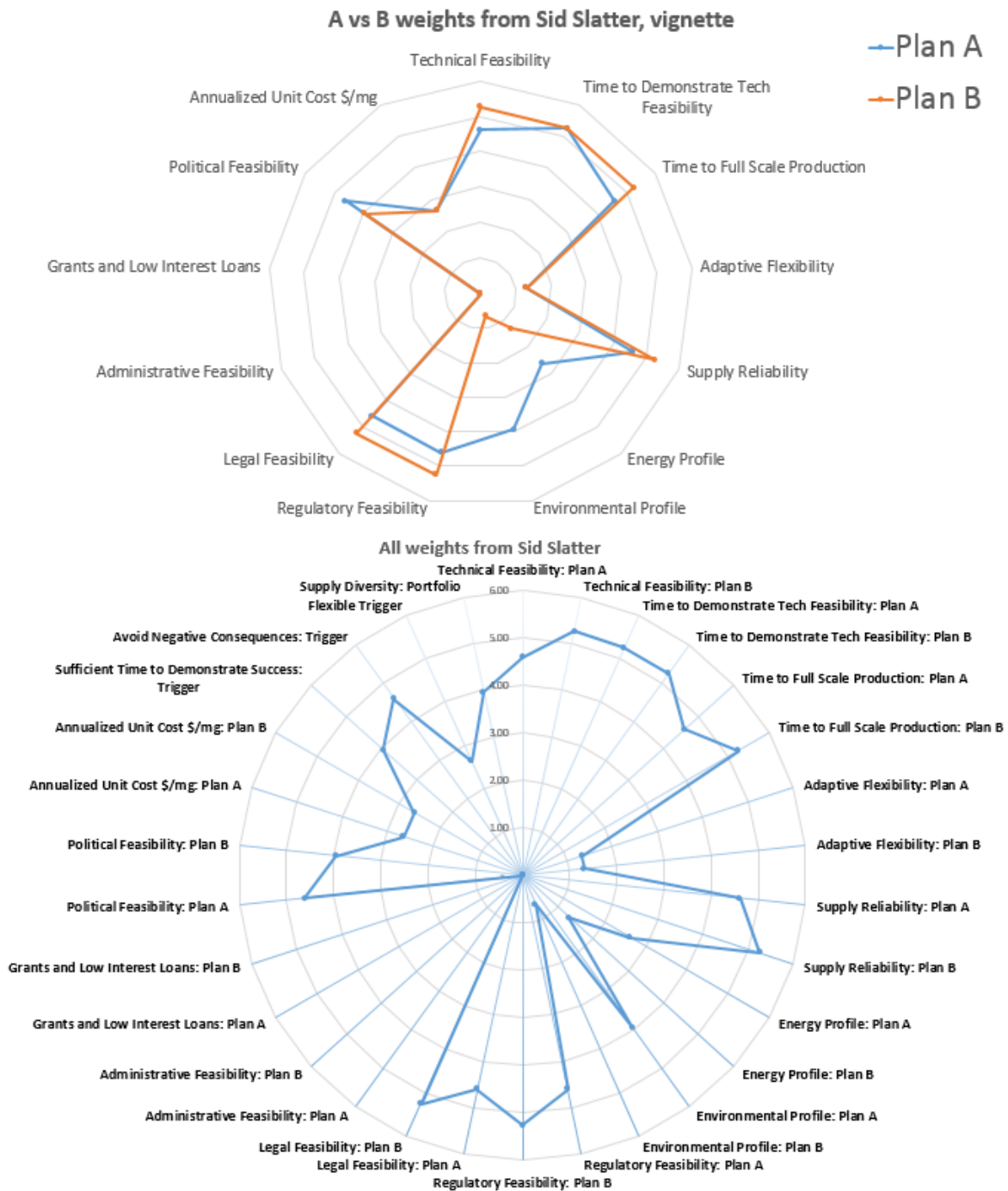
10. Rick Longinotti



11. Sarah Mansergh



12. Sid Slatter



13. Sue Holt

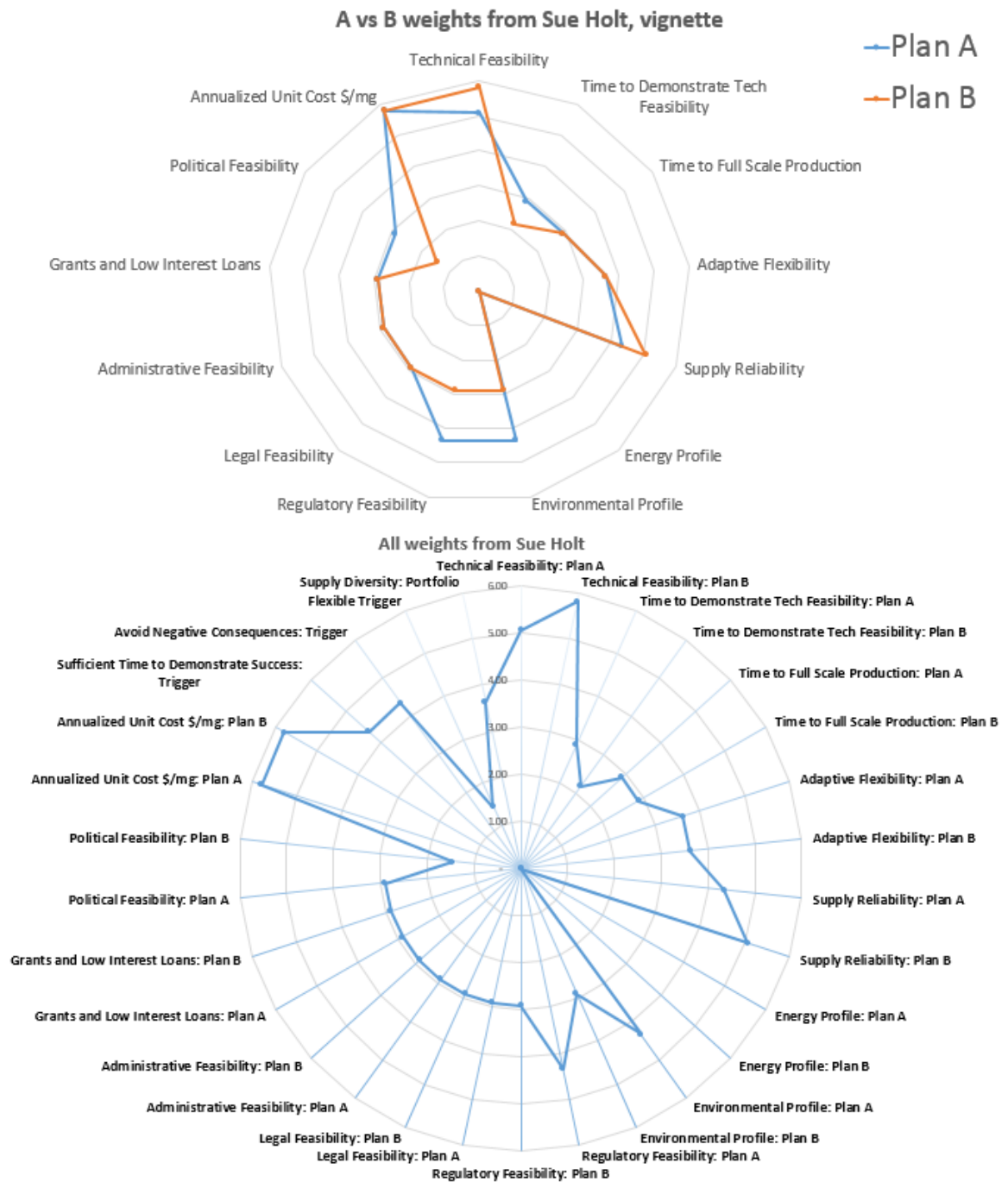


Fig. C Composite Weights Vignette July 6th, 2015 Showing A and B weights

