Focus group 3: Human element of ELN implementation 2

Problems that the group wants to solve:
We identified/acknowledged them, not all of them will have a solution
- How much human input will be needed when using ELNs?
- How to link large datasets that cannot just be uploaded into the cloud? Old equipment that cannot be automatically connected to servers to do automatic updates
- How to get people to use it that refuse the idea?
- Cost/benefit of training students that only join the research group for a short period (especially if they are "computer illiterate")
- How do we get external collaborators to also use ELN/ adhere to the same standards
- Contamination
- Closely connected to data curation and data management practices

Possible long-term solutions to these problems:
- Using the ELN has to be part of introductory training/standard training for everyone in the long run
- More case law needed that ensures that ELNs will hold up in possible court cases, needs a robust system to track changes etc to allow a full audit trail

Quick wins:
- Build on/into SOPs, data management plans, practices and rules for teams if already in existence
- Dedicated computer might even improve situation as the physical lab notebook does not have to leave the 'secure area' (less human error)
- Try a few of them (if they have a free test version) to get an understanding of how an environment like this feels/works and how much change in workflows would be triggered
- Get a core group of keen research group members to start using it and get enthusiastic about it to engage the others to join (pointing out the back up (more secure) and linking options that are not available in a physical lab books)
- Get a senior user to use it that allows a top-down enforcing
- Engage with research data management advocacy group/champions to have them advocate it alongside RDM policies and best practices
- Bribes ;-)