Twenty-Five Questions
What Planners and Administrators Need to Know about their Campus' Carbon Emissions

1. Did your CEO sign the American College and University Presidents Climate Commitment? _____

2. What is the total CO_2-equivalent emissions footprint of your campus -- either fixed sources or the sum of fixed+mobile+landfill sources? _____ metric tonnes/year.

3. Can you name two other greenhouse gases besides CO_2? How about all six gases covered by the Presidents Climate Commitment? _____, _____, _____, _____, _____, _____.

4. Of the major greenhouse gases, which one has the greatest overall effect on global warming? _____

5. What is the other protocol, besides the Kyoto Protocol, that regulates atmospheric emissions? the _____ Protocol

6. Have you taken a project through the entire LEED process, to the point of award? _____

7. What percentage of your campus' plan to reduce carbon emissions depends on energy efficiency retrofit projects? _____% What percentage depends on future on-site renewable sources? _____% On procurement of green or carbon-neutral power? _____% On behavioral changes that reduce the campus' carbon footprint? _____% On increasing on-campus student residency? _____% On procurement of emissions credits? _____%

8. What percentage of your institution's student body lives on campus? _____%

9. What is the average vehicle ridership (AVR) for your campus? _____

10. Does your campus have a combined heat and power plant? _____ How large? _____mW Does it include thermal storage? _____ How much? _____

11. What is the primary fuel source of procured energy for your campus? _____

12. Why will it take so long to change the concentration levels of atmospheric greenhouse gases, even if developed economies move quickly toward climate-neutrality?_____
_____

13. Does your campus have a green student advocacy group? _____ Do you know the leaders' names? _____

14. What is the cost increment, as a percentage of project cost, for a LEED Gold building (newly constructed)? _____%

15. What do you think is the most promising new technology coming to market that will markedly reduce college and university carbon emissions? _____

16. What percentage of your procured power is currently "green," from renewable sources? _____%
What percentage is carbon-neutral? _____%

17. What is the current, approximate market price for a tonne of CO_2-equivalent emissions credit?
$_____

18. What type of building is the most intensive energy consumer on your campus? _____

19. What is today's average CO_2 concentration in the earth's atmosphere? _____ parts/million

20. What is your campus design goal for illumination efficiency for new construction -- for typical labs and offices? _____ watts/SF

21. What form of renewable energy generation is most likely to prove feasible on your campus? _____
_____

22. Does your campus enforce a policy that requires procurement of Energy Star products whenever available?

23. A metric ton weighs how many pounds? _____lbs.

24. Apart from clean labs and vivaria, what lab building on your campus has the highest airchanges per hour (ACH), and what is the number? _____ building, _____ ACH.

25. How about the laboratory building with the lowest ACH? _____building, _____ ACH.