

**From:** Mike Koerber [mailto:koerber@ladco.org]  
**To:** hornback@metro4-sesarm.org; bgrantham@ntec.org; pcummins@westgov.org; clayman@censara.org; lbyrum@censara.org; Pat.Brewer@ncmail.net; crecchia@otcair.org; crecchia@sso.org; cmichaelsen@sso.org; al\_hendler@urscorp.com; swierman@marama.org; Rodríguez.Rosalina@epamail.epa.gov; Beal.Bill@epamail.epa.gov  
**CC:** janssen@ladco.org  
**Date:** Monday, June 16, 2003 5:27PM  
**Subject:** New Inter-RPO Projects

RPO Directors: I would like to propose two inter-RPO emissions projects:

(1) development of a new emissions model  
( <http://64.27.125.175/tech/emis/misc/OPEM.pdf> )  
and

(2) development of a new ammonia model  
( [http://64.27.125.175/tech/emis/misc/NH3\\_model\\_rpo.pdf](http://64.27.125.175/tech/emis/misc/NH3_model_rpo.pdf) )

We estimate that the new emissions model will cost approximately \$250K for the core model. (Additional sub-models, such as the ammonia model, will cost more.) Of the \$250K, the Midwest RPO is considering funding as much as \$150K. If we get started soon, we believe that it may be possible to have a core model available for the RPOs next year.

We estimate that the new ammonia model will cost approximately \$250K. Of this amount, the Midwest RPO is considering funding as much as \$100K. Even if we get started soon, it may not be possible to finish this model until 2005.

We would appreciate additional sponsors for these two projects. Mark Janssen has previously talked with members of your Emissions Workgroups about these projects and has set-up a special call next week to discuss their participation. We would very much like to issue an RFP for both projects next month. So, a prompt decision concerning your participation would be appreciated.

If you have any technical questions concerning these projects, then please contact Mark Janssen at 847-296-2184 ..... Mike

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**From:** "John Hornback" hornback@metro4-sesarm.org,  
**To:** Mike Koerber koerber@ladco.org  
**Date:** Monday, June 16, 11:42 AM  
**Subject:** RE: New Inter-RPO Projects

Mike: Before VISTAS can discuss this, I have a question or two. Given that VISTAS must deliver final products to its agencies by December 2005 to meet the longest regulation and SIP development timeframe of a member agency (24 months - North Carolina), would such a project be of value to us? If this is critical to our final products and is to be used in the first SIP submittals, not only must the model be developed but it must be calibrated and all runs completed by late 2005. I'm presuming that's not possible. Also, given the fact that we've already signed a major contract for air quality and emissions modeling, wouldn't development of a new model be duplicative and extremely expensive? If you can help me understand the answers to these questions, I would be willing to present the full depth of your plans to our VISTAS technical staff for consideration. Timelines and usage plans for a newly developed

model would be helpful. Thanks, .....John.

John E. Hornback  
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**From:** Mike Koerber koerber@ladco.org  
**To:** "John Hornback" hornback@metro4-sesarm.org, bgrantham@ntec.org, pcummins@westgov.org, clayman@censara.org, lbyrum@censara.org, Pat.Brewer@ncmail.net, crecchia@otcair.org, crecchia@sso.org, cmichaelsen@sso.org, al\_hendler@urscorp.com, swierman@marama.org, Rodriguez.Rosalina@epamail.epa.gov, Beal.Bill@epamail.epa.gov  
**CC:** janssen@ladco.org  
**Date:** Mon, 16 Jun 2003 11:00:25  
**Subject:** RE: New Inter-RPO Projects

John: Good questions. If we get started this summer, then we are optimistic that a core emissions model will be ready next year (initial components by spring 2004 and full version by fall 2004). That may or may not give VISTAS enough time to use this model as part of their technical work. While we are proceeding on a similar schedule to yours (i.e., transition to regulatory analyses next year, and provide basecase and future year strategy analyses by late 2005), we are assuming that the work will continue for several more years. (Never having done a SIP for haze or PM2.5, I think it may take us several iterations before we get it right.)

Also, I don't think the new models are necessarily duplicative with your contractor work. Your contactors will have to use something. OPEM should be a cheaper, better model than anything that is currently available now. (At least, that's the plan.)

Thanks for your interest. Hopefully, the technical people on the Emissions Workgroups can sort this out and come back to their RPO Directors with a solid recommendation. ....Mike

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**From:** Patrick Cummins pcummins@westgov.org>  
**To:** lgribo@state.wy.us>, mooret@cira.colostate.edu>, lalter@westgov.org>, lewis@cskt.org>  
**Date:** Monday, June 16, 2003 5:27PM  
**Subject:** Fwd: RE: New Inter-RPO Projects

All - We need to discuss. PC