

Images from

**Biomass 2011: Replace the Whole  
Barrel, Supply the Whole Market –  
The New Horizons of Bioenergy**

# **IMAGES FROM DAY ONE - Tuesday, July 26<sup>th</sup>, 2011**



**Biomass 2011 opened up with the keynote session on the “Federal Perspectives on Bioenergy”**



**Secretary Chu spoke about the importance biofuels for Energy Security for the United States**



**More than 500 people came Tuesday morning to hear Secretary Chu's opening remarks**



**Secretary Chu provided opening remarks for Biomass 2011**

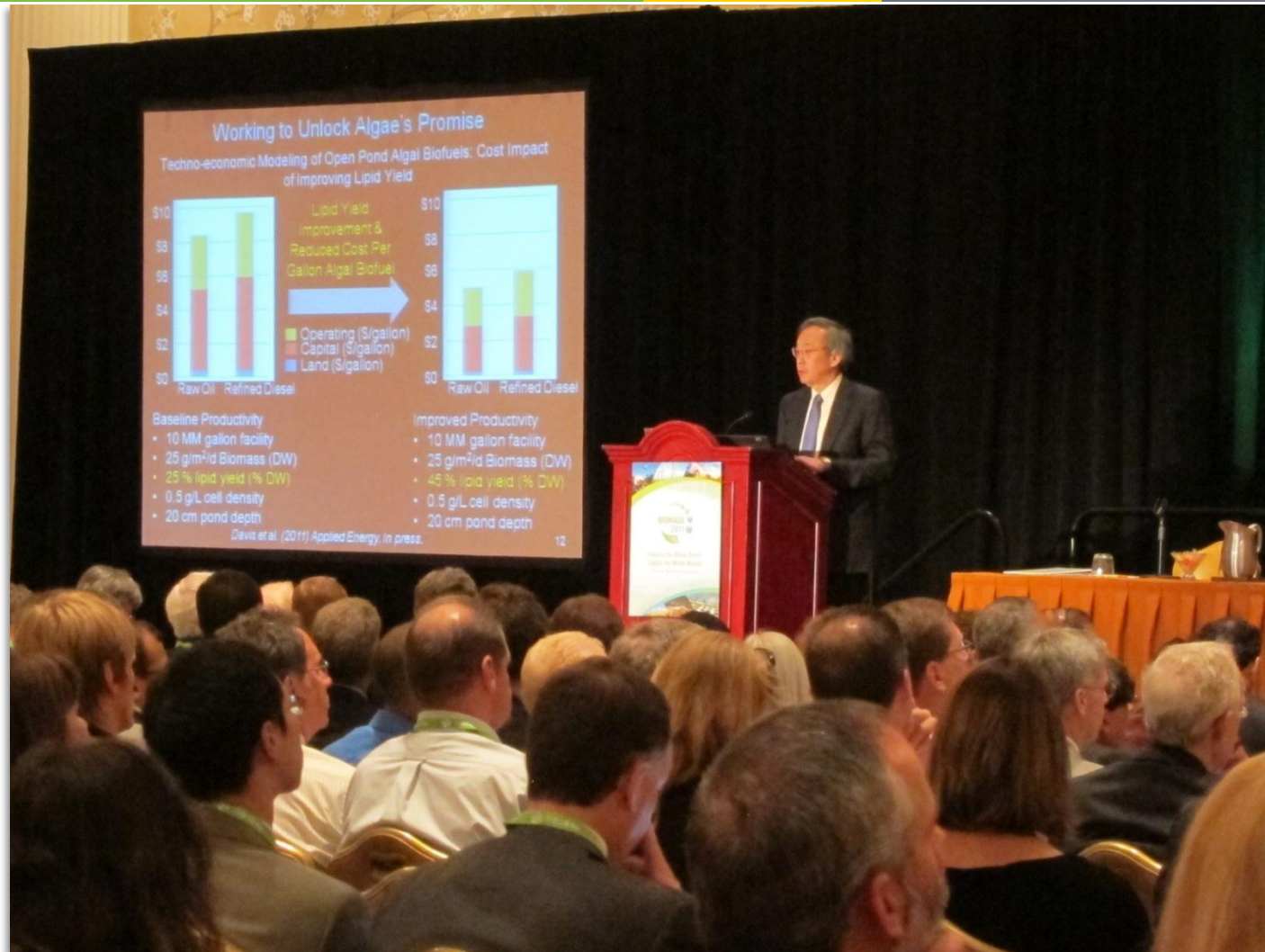


**Secretary Chu gave the opening keynote address at Biomass 2011 and discussed ongoing Department of Energy initiatives**



**Secretary Chu opened the Federal Perspectives of Bioenergy session at Biomass 2011**





**Secretary Chu presented the view of the Department of Energy during the “Federal Perspectives of Bioenergy” session at Biomass 2011**



**Secretary Chu presented to the attendees of Biomass 2011 during the opening keynote session on “Federal Perspectives of Bioenergy”**



**Secretary Chu gave an opening address on the first day of the two day conference, Biomass 2011**



**Secretary Chu answered questions from the audience in a session moderated by Biomass Program Manager, Paul Bryan**



**Secretary Chu answered questions from the audience in a session moderated by Biomass Program Manager, Paul Bryan**



**John Ferrell, of the Biomass Program, introduced Secretary of Agriculture Tom Vilsack**

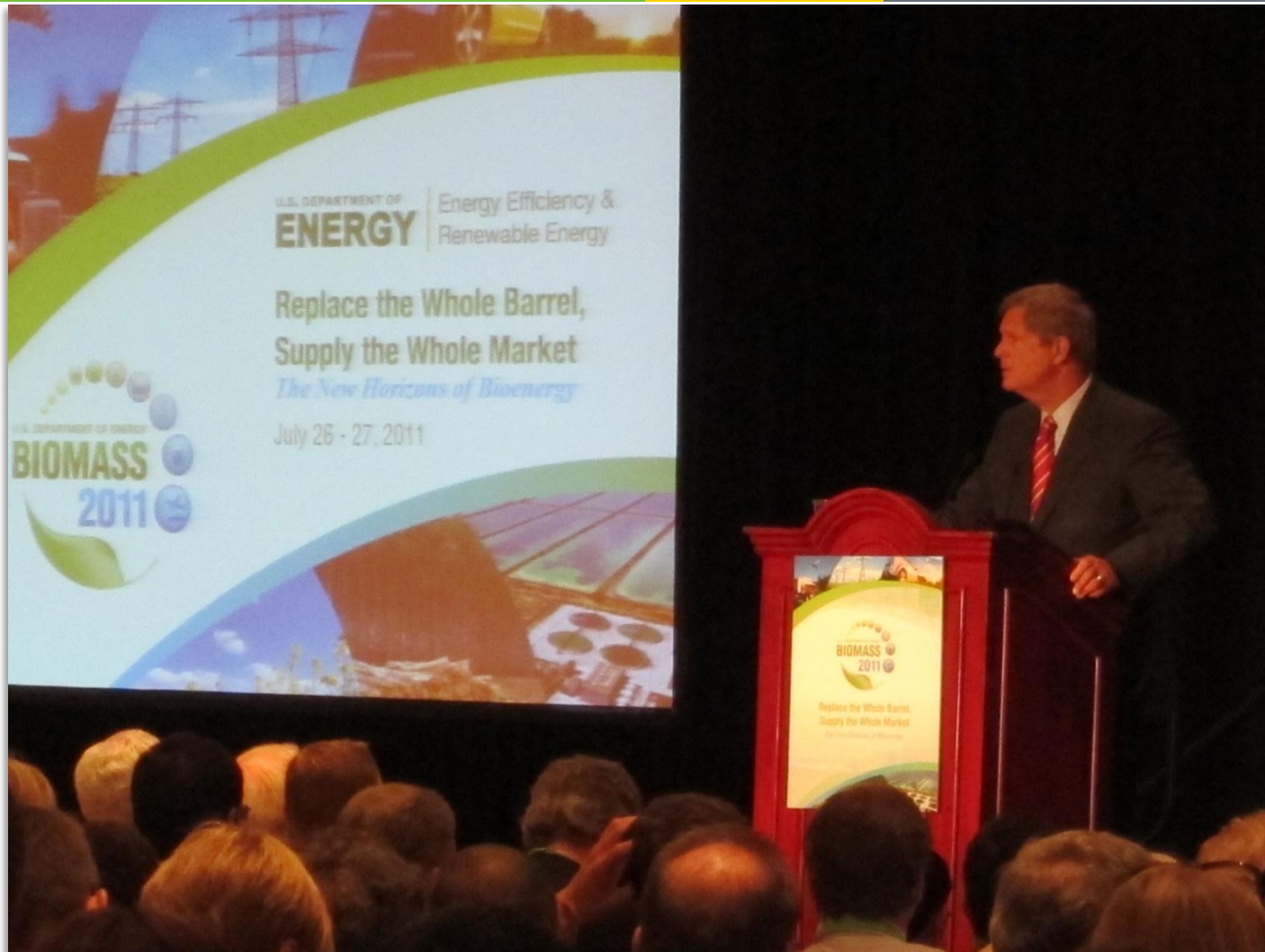


**Secretary Vilsack of the Department of Agriculture presents at the opening session at Biomass 2011**



**Secretary Vilsack addresses the Biomass 2011 opening keynote session**





**Secretary Vilsack addresses the Biomass 2011 opening keynote session**



**Secretary Vilsack answers questions from the audience during the opening keynote session of Biomass 2011**



**Zia Haq, of the Biomass Program, introduces the Assistant Secretary of the Navy (Energy, Installations, and Environment) Jackalyn Pfannenstiel**



**Assistant Secretary Jackalyne Pfannenstiel presents the Department of Navy perspective during the opening keynote session of Biomass 2011**



**Assistant Secretary Jackalyne Pfannenstiel delivers the opening keynote during the “Federal Perspectives in Bioenergy” session at Biomass 2011**



**Assistant Secretary Jackalyn Pfannenstiel delivers the opening keynote during the “Federal Perspectives in Bioenergy” session at Biomass 2011**



**Michael McAdams, of the Advanced Biofuels Association, presents during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**



**David Berry, of Flagship Ventures, during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**





**David Berry, of Flagship Ventures, presented during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**



**Eric Toone, of ARPA-E, presented during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**



**Harrison Dillon, of Solazyme Inc., presented during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**



**Mark Iden, of the Defense Logistics Agency, presented during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**



**Harrison Dillon, of Solazyme Inc., answers audience questions during the opening plenary session, “Broadening the Bioenergy Horizon” at Biomass 2011**



**Adam Monroe, President, Novozymes North America, presents during the first day of Biomass 2011**

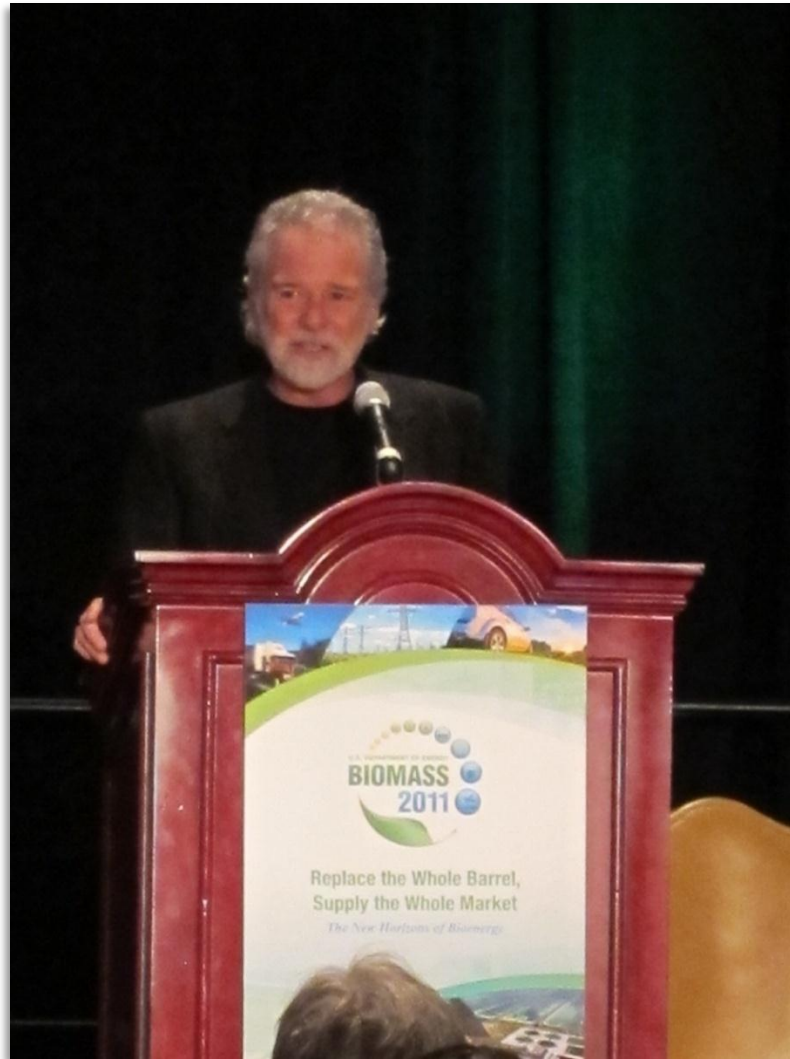


**Adam Monroe, President, Novozymes North America, presents during the first day of Biomass 2011**



**Guest speaker Chuck Leavell, Co-Founder of the Mother Nature Network, speaks to the attendees of Biomass 2011**





**Guest speaker Chuck Leavell, Co-Founder of the Mother Nature Network, speaks to the attendees of Biomass 2011**



**Guest speaker Chuck Leavell is presented with a certificate of appreciation by Biomass Program Manager Paul Bryan**



**Biomass 2011 Planning team and the General Session Debaters**



**The General Session Debate featured three motions on the “Best Use of Biomass”**



**The General Session Debate featured three motions on the “Best Use of Biomass”**



**The conference had 5 technical tracks and 3 breakout sessions. Here you see conference participants attending a breakout session.**

# **IMAGES FROM DAY TWO - Wednesday, July 27<sup>th</sup>, 2011**



**Senator Amy Klobuchar, D-MN, gives the opening keynote of the second day of Biomass 2011**





**Senator Amy Klobuchar, D-MN, gives the opening keynote of the second day of Biomass 2011**



**Senator Amy Klobuchar, D-MN, gives the opening keynote of the second day of Biomass 2011**



**Brian Duff, of the Biomass Program, introduces the plenary session on “Industry Perspectives on Bioenergy”**



**The second day of Biomass 2011 featured an opening plenary session on the “Industry Perspectives on Bioenergy”**



**The second day of Biomass 2011 featured an opening plenary session on the “Industry Perspectives on Bioenergy”**



**The second day of Biomass 2011 featured an opening plenary session on the “Industry Perspectives on Bioenergy”**



**The closing plenary session speakers present on “Moving Towards the Horizon,” at the end of the second day of Biomass 2011.**

# IMAGES FROM CONFERENCE INTERACTIVE EXHIBIT HALL





**Barbara Twigg, of the Biomass Program, and Andrew Graves, of BCS, Incorporated, tour the interactive exhibit hall, a new feature of Biomass 2011.**



Different feedstocks on display in the Interactive Exhibit Hall



**Different feedstocks on display in the  
Interactive Exhibit Hall**



**The Interactive Exhibit Hall featured displays from every step of the biofuels supply chain.**



**The Interactive Exhibit Hall featured displays from every step of the biofuels supply chain.**



**The Interactive Exhibit Hall featured displays from every step of the biofuels supply chain.**



**Kevin Craig, of the Biomass Program, speaks with an exhibitor in the Interactive Exhibit Hall**



**The Interactive Exhibit Hall featured displays from every step of the biofuels supply chain.**





**Program partners from National Laboratories brought the latest research to display at the Interactive Exhibit Hall**



**Program partners from National Laboratories brought the latest research to display at the Interactive Exhibit Hall**



**Biomass 2011 staff posing with the Green Racing display in the Interactive Exhibit Hall**



**Biomass 2011 staff promoting the Biomass Program Booth**



**Program partners from National Laboratories brought the latest research to display at the Interactive Exhibit Hall**



**Program partners from National Laboratories brought the latest research to display at the Interactive Exhibit Hall**



**Program partners from National Laboratories brought the latest research to display at the Interactive Exhibit Hall**