

# CO LaN

# CO-LaN Status Report for 2004

**Werner Merk  
Michel Pons  
Bertrand Braunschweig**

**Feb. 17th, 2005**



# Participants

- ◆ B. Braunschweig, IFP
- ◆ P. Banks, BP
- ◆ W. Merk, Dow
- ◆ R. Dickinson, Shell
- ◆ C. Colantonio, Shell
- ◆ R.A. Klein, BASF
- ◆ J. Bousquet, TOTAL
- ◆ D. Perreira, BP
- ◆ W.Drewitz, BASF
- ◆ D. Guerillot, IFP
- ◆ M. Woodman, BP
- ◆ P. Roux, IFP
- ◆ M. Knight, BP
- ◆ H. Kooijman, Shell
- ◆ S. Dechelotte, ProSim SA
- ◆ B. Keeping, PSE
- ◆ D. Jerome, SimSci
- ◆ T. Koup, SimSci
- ◆ J. Holmes, HTRI
- ◆ L. Puigjaner, UPC
- ◆ A. Espuna, UPC
- ◆ D. Paen, RSI
- ◆ A. Scott, NEL
- ◆ A. Johns, NEL
- ◆ M. Halloran, AspenTech
- ◆ A. Vacher, ProSim SA
- ◆ R. Taylor, Clarkson Univ.
- ◆ L. von Wedel, AixCAPE e.V.

# Participants

- ◆ F. Aguirre, HTRI
- ◆ M. Bargiacchi, Honeywell
- ◆ R. Baur, Clarkson Univ.
- ◆ D. Cameron, Fantoft
- ◆ F. Urbano, UPC
- ◆ M. Lichtenhauer, HTRI
  
- ◆ M. PONS, CO-LaN

# Apologies from

- ◆ Jens Schmidt, Dow
- ◆ Matthias Pogodda, TUHH
- ◆ Pierre Sere Peyrigain, NewCo
- ◆ Bryn Stenhouse (replaced by D. Perreira)

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# Agenda for today

- ◆ **09:30 Annual General Meeting of CO-LaN Members**
  - Meeting introduction, report on CO-LaN activities, 2004 budget, 2005 provisional budget, election
  - General discussion
- ◆ **11:00 Interoperability Showcase Session 1**
  - Interoperability SIG report by Peter Banks
- ◆ **12:30 Lunch**
  - Including the 2004 CO award to Pascal Roux
- ◆ **14:30 Interoperability Showcase Sessions 2&3**
  - Thermo SIG report by Michel Pons
  - Unit SIG report by Celeste Colantonio
- ◆ **18:00 Close**
- ◆ **19:00 Conference dinner**

# Outline

- ◆ **Activities in 2004 (WM)**
  - ⇒ **Membership, BOD, Contracts**
  - ⇒ **Web site, Marketing, Other activities**
- ◆ **Approval of Status report**
- ◆ **Financial Report for 2004 (MP)**
- ◆ **Approval of Financial report**
- ◆ **Proposals for 2005 (BLB)**
- ◆ **Approval of budget**
- ◆ **Board election**



## Activities in 2004

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# Membership in 2004

## ◆ 7 full members



Shell Chemicals



TOTAL

**BASF**



## ◆ 31 associate members

Infochem  
UPC  
ProSim SA  
HTRI, Inc  
Fantoft Process  
SimSci-Esscor  
RWTH LPT and I5  
DIPPR  
CMU

University of Maribor  
Dechema e.V.  
RSI  
CPERI  
COSMOlogic  
CAPEC-DTU  
PSE  
**Univ. Politehnica of  
Bucharest**  
**University Valladolid**

Fluent, Inc.  
TUV NEL Ltd  
INP Toulouse  
VTT Industrial  
US EPA  
AspenTech  
Processium  
Chemsep.org  
**ProtechSoft Systems**  
EPCON

**NETL**  
VMG



# Endorsements

- ◆ **Informatique et Procédés (SFGP/SCI)**
- ◆ **VDI-GVC**
- ◆ **EFCE CAPE Working Party**
- ◆ **EGAS**

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# MB Activities in 2004

## ◆ Management Board

• Dow	W. Merk	President
• Total	M. Pons	Treasurer
• BP	P. Banks	Secretary
• IFP	B. Braunschweig	Member
• BASF	R. Klein	Member
• Shell Chemicals	H. Pingen	Member
• Dow	K. Irons	Member
• Shell Chemicals	C. Colantonio	Member

## ◆ Monthly conference calls or meetings

- ⇒ Address 5 missions of CO-LaN
- ⇒ Votes for accepting new members
- ⇒ Decisions about RFBs and contracts

# Contracts/Services

## ◆ Awarded by CO-LaN

- ⇒ Website hosting awarded to Top Concepts
  - Cost reduced (divided by 10)
- ⇒ Consultancy contract to AspenTech
  - Two years commitment

## ◆ Granted to CO-LaN for testing and demo purposes

- ⇒ A+, HYSYS, Distil, ComThermo licenses by AspenTech
- ⇒ SIMULIS license by ProSim SA
- ⇒ PPDS license by TUV-NEL
- ⇒ gPROMS license by Process Systems Enterprise
- ⇒ MultiFlash license by Infochem
- ⇒ PRO/II license by SimSci-Esscor
- ⇒ INDISS license by RSI

# Consultancy Scheme (User priority mission)

## ◆ Objectives

- ⇒ Assist developers
- ⇒ Secure CAPE-OPEN expertise

## ◆ Four consultants approved:

- ⇒ AspenTech: Michael Halloran
- ⇒ RSI: Didier Paen
- ⇒ Jean-Pierre Belaud
- ⇒ UPC: Luis Puigjaner

# Total days of approved work: 8

## ◆ AixCAPE

- ⇒ Debugged AIXCape shortcut distillation Unit Operation in Aspen Plus

## ◆ ChemSep

- ⇒ Many support issues dealt with before the agreement was in place

## ◆ SolidSim

- ⇒ UO running within Aspen Plus completed

## ◆ CAPE-OPEN logger prototype

- ⇒ Demonstration in Showcase

# Dissemination actions (Mission 2)

- ◆ **CAPE-OPEN Award 2003**
- ◆ **Website**
- ◆ **Conference participation**
  - ⇒ **ESCAPE-14: Thermo specification 1.1**
  - ⇒ **PSE User Meeting**
  - ⇒ **SimSci-ESSCOR European User Meeting**
  - ⇒ **PPEPPD 2004**
  - ⇒ **AspenWorld 2004**
  - ⇒ **ProSim User Meeting**
- ◆ **1st US CAPE-OPEN Meeting at US EPA**
- ◆ **CO Update newsletter: issues 7, 8 and 9**

# Other missions

- ◆ **Mission 3: Standards maintenance (specifications)**
  - ⇒ To be discussed during Showcase
- ◆ **Mission 4: Testing**
  - ⇒ To be discussed during Showcase
- ◆ **Mission 5: Training facilitation**
  - ⇒ It is now proposed that CO-LaN develops training sessions





Vote on status report for 2004

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# Financial report for 2004

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# Overall view

- ◆ **Income larger than expenditure**
  - ⇒ **Income: 72,401.50 € (fees = 70,000 €)**
  - ⇒ **Expenditures: 28,704.15 €**
- ◆ **Accumulated funds**
  - ⇒ **Reserve available end 2003: 121,850.94 €**
  - ⇒ **Excess 2004: 43,697.35 €**

# Income and Expenditure

	2004	2003	2002
<b>Expenditure</b>	<b>28,704.15 €</b>	<b>72,273.14 €</b>	<b>69,007.00 €</b>
<i>Technical</i>	15,548.00 €	56,066.38 €	58,964.14 €
<i>Dissemination</i>	10,078.51 €	14,819.02 €	4,883.71 €
<i>Administration</i>	3,077,64 €	1,387.74 €	5,159.15 €
<b>Income</b>	<b>72,401,50 €</b>	<b>109,420.35 €</b>	<b>71,392.80 €</b>
<i>Subscriptions</i>	70,000.00 €	60,000.00 €	70,000.00 €
<i>Bank interest</i>	1,375.13 €	1,370.79 €	1,392.80 €
<i>Miscellaneous</i>	1,026.37 €	48,049.56 €	0.00 €
<b>Surplus</b>	<b>43,697.35 €</b>	<b>37,147.21 €</b>	<b>2,385.80 €</b>



# Balance sheet 2004

<b>Current Assets</b>		<b>Claims</b>	
<b>Bank</b>	<b>156,100.95 €</b>	<b>Accumulated Funds</b>	<b>121,850.94 €</b>
<b>Subscriptions in arrears</b>	<b>10,000.00 €</b>	<b>Surplus</b>	<b>43,697.35 €</b>
		<b>Creditors</b>	<b>552.66 €</b>
<b>Total</b>	<b>166,100.95 €</b>	<b>Total</b>	<b>166,100.95 €</b>

# Balance Sheet 2004

## ◆ Current Assets

⇒ Debtors for subscriptions: 10,000.00 €

## ◆ Bank

⇒ Current: 34,100.95 €

⇒ Deposit: 122,000.00 €

## ◆ Less current liabilities

⇒ Creditors: 552.66 €

## ◆ Financed by:

⇒ Accumulated funds 31.12.2003: 121,850.94 €

⇒ Surplus 2004: 43,697.35 €

## ◆ Accumulated Funds 31.12.2004: 165,548.29 €

## Vote of financial report

- ⇒ Approval of income/expenditures
- ⇒ Approval of transfer of surplus to accumulated funds



# Proposals for 2005

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# Looking back at 2004

- ◆ **Planned spending: 85 K€ / Actual spending 28,7 K€**
  - ⇒ **Shift in timing for AspenTech contract/invoicing**
  - ⇒ **No dedicated human resources available to drive the planned spending**

# Overall view for 2005

- ◆ **Part-time CTO recruited**
- ◆ **Continue consultancy actions**
- ◆ **Spending increase to address missions**
  - ⇒ **Tester maintenance**
  - ⇒ **Interop SIG: development support tools (to be funded)**
- ◆ **Polish and finalize SIGs work (with funding from CO-LaN)**
  - ⇒ **Building on prototypes**
  - ⇒ **Dynamic UNIT and Thermo 1.1**
- ◆ **Identify extensions/implementations needed by users**
  - ⇒ **e.g. Petroleum Fractions / Solids**
- ◆ **Straighten up the website contents**

# Overview of resources available

	2005
<b>Member fees</b>	<b>70,000 €</b>
<b>Bank interest</b>	<b>2,262€</b>
<b>Accumulated funds</b>	<b>165,548 €</b>
<b>Available</b>	<b>237,810 €</b>

# Mission 1, User Priorities, 40 K€ p.y.

- ◆ **Consultancy services: 40 K€**
  - ⇒ **AspenTech 1st full year: 31,096 €**
  - ⇒ **Other Consultancy services: 8,000 €**

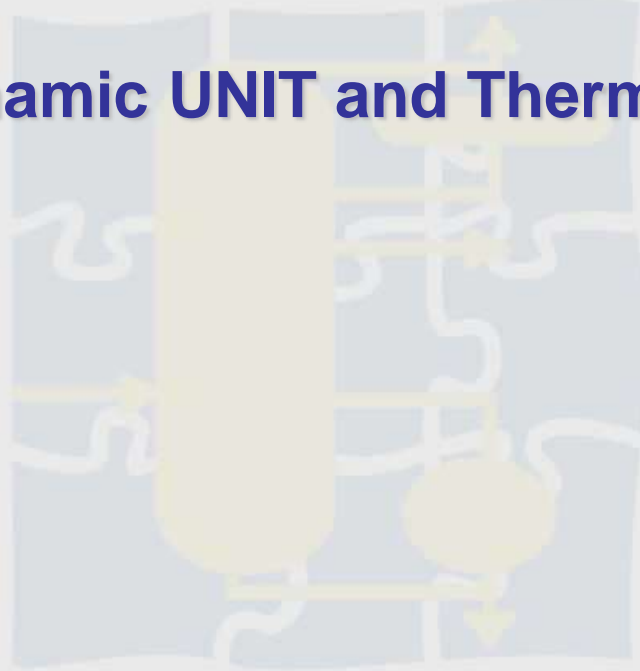
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# Mission 2, Dissemination, 7 K€

- ◆ **Conferences: 6 K€**
  - ⇒ Sponsor travel expenses of one person for presentations at conferences.
  - ⇒ 4 conferences, €1500 each.
- ◆ **Website hosting fee: 1 K€**
- ◆ **CO Update newsletter: 0 K€**

# Mission 3, Standard Maintenance, 15 K€

- ◆ Polishing Dynamic UNIT and Thermo 1.1



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# Mission 4, Testing, 40 K€

- ◆ **Maintenance of CO-Tester Suite: 15 K€**
  - ⇒ **PPDB: DIPPR is working on CO compliant version**
    - **Need of some modification after 1.0 IDL revamping**
  - ⇒ **UNIT: to make it 1.0 compliant**
  - ⇒ **MINLP: same needs as for PPDB**
  
- ◆ **CO data logger : 25 K€**
  - ⇒ **Contract development**

# Mission 5, Training Facilitation, 5 K€

- ◆ Support to training services and promotion: 5 K€



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# Administration, 42 K€

- ◆ **CTO salary: 30 K€**
- ◆ **Provision for various administrative costs: 2 K€**
  - ⇒ **Taxes: 400 €**
  - ⇒ **Bank charges: 150 €**
  - ⇒ **Miscellaneous: 450 €**
  - ⇒ **Additional software: 1000 €**
- ◆ **Provision for MB meetings: 4 K€**
  - ⇒ **4 meetings x 1000 € = 4 K€**
- ◆ **AGM expenses and marketing tools: 6 K€**

# Summary of 2005 budget

- ◆ Accumulated funds: 165 K€
- ◆ Expenses: 149 K€
- ◆ Income: 72 K€
- ◆ Deficit: 77 K€
- ◆ Projected accumulated funds 31.12.05: 88 K€
- ◆ Recruit new full members and adopt a **growth strategy!**



## Vote of 2005 budget

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# Discussion Election

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# Proposed Management Board 2005

## ◆ Dow:

- ⇒ Werner Merk (President)
- ⇒ Kerry Irons (Member)

## ◆ BP:

- ⇒ Peter Banks (Secretary)
- ⇒ Malcolm Woodman (Member)

## ◆ TOTAL:

- ⇒ Jacques Bousquet (Member)

## ◆ IFP:

- ⇒ Bertrand Braunschweig (Treasurer)

## ◆ Shell:

- ⇒ Ray Dickinson (Member)

## ◆ BASF:

- ⇒ Ronald Klein (Member)

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