



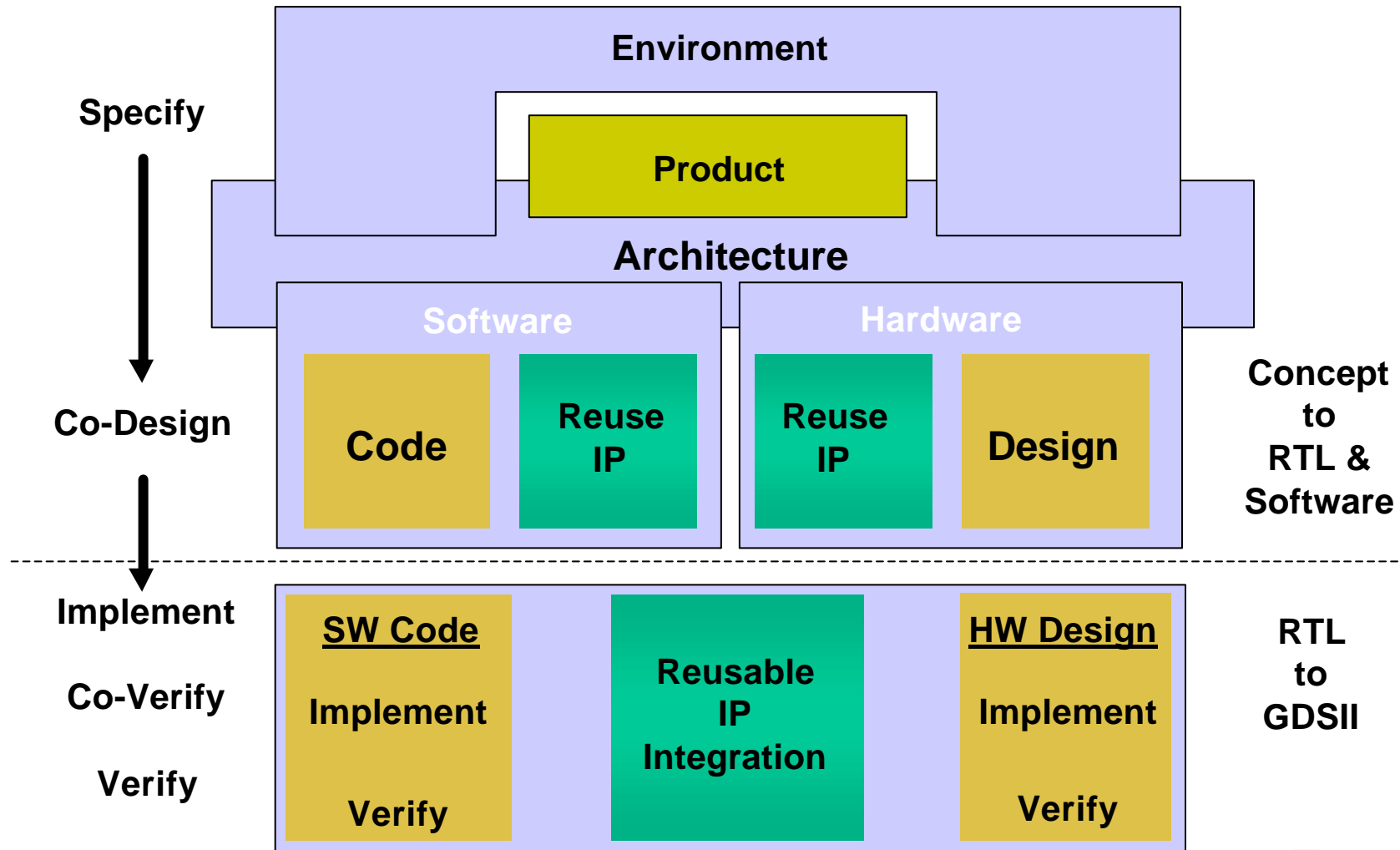
Welcome !

Mark Flomenhoft, VP HLS - Synopsys, Inc.

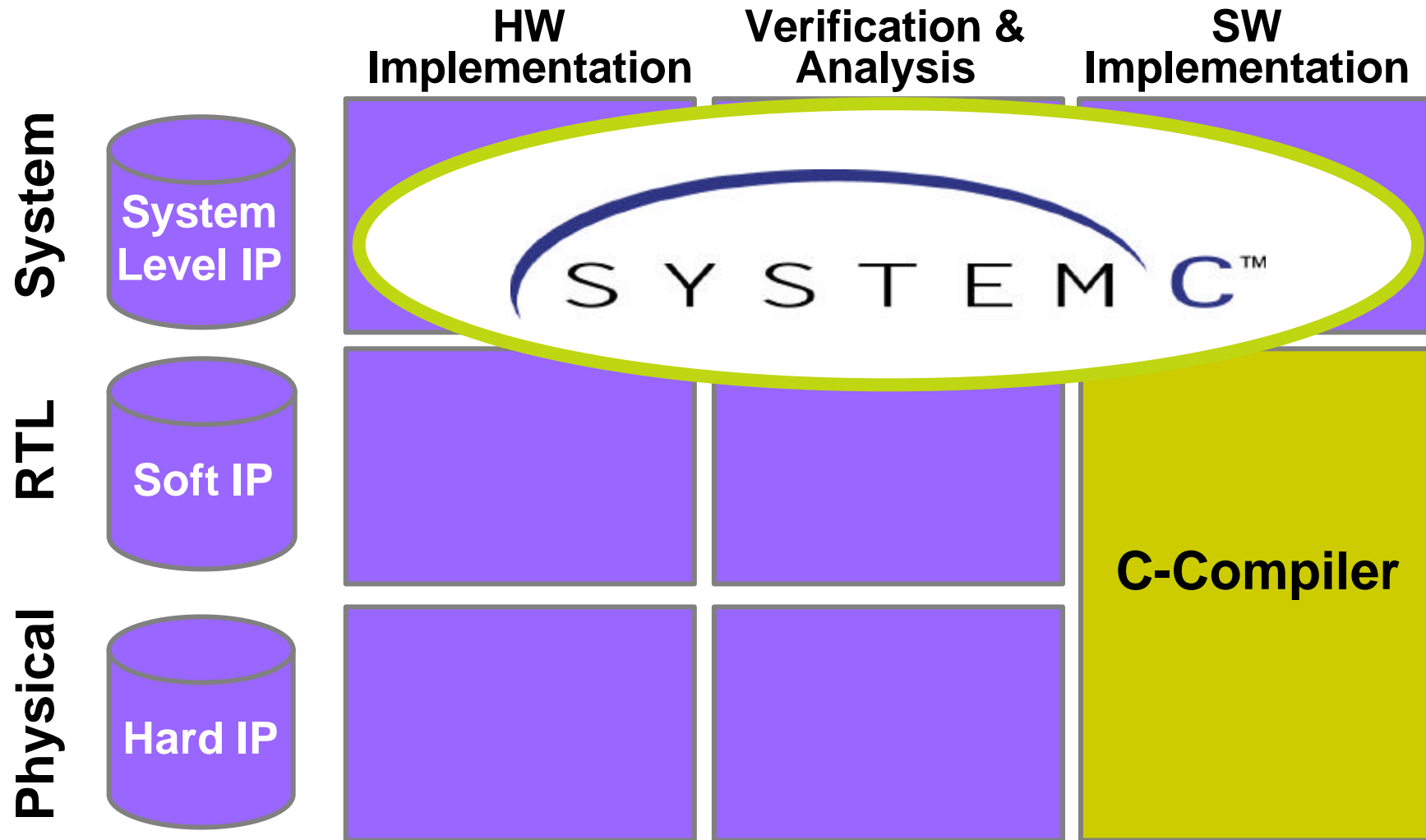
Stan Krolikoski, VP SLD - Cadence Design Systems

Pete Hardee, Director, Product Marketing, CoWare Inc.

SystemC Mission - Model Concept to RTL



SystemC - Enabling System Level Design



We are at a fork in the road

- System level design is becoming necessary
 - The size, speed and complexity of the latest designs require a higher level of abstraction than RTL
- Good system languages will be crucial in enabling system-level design
 - Even in systems that are GUI based
- Therefore, we need to develop system languages, but....
- Can we afford to have many system level languages?

NO!!!!!!

There must be A language for system design

- We cannot get into the mess we were with SW languages
- We cannot even afford to have two dominant languages as in the HDL world
- We need a single language that can serve as
 - A “backbone” for system-level design tools
 - A common format for system level IP exchange and tool interoperability
- Other languages may still be used for specialized tasks, but we need a common system-level language

That Language is SystemC

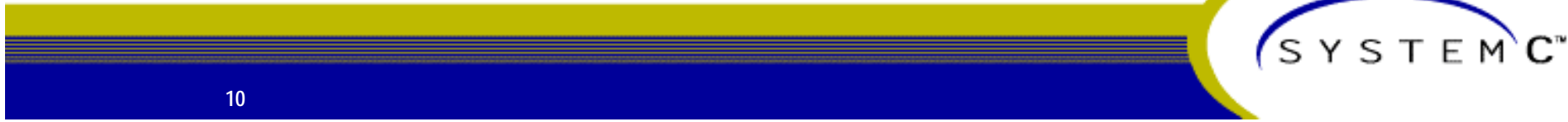
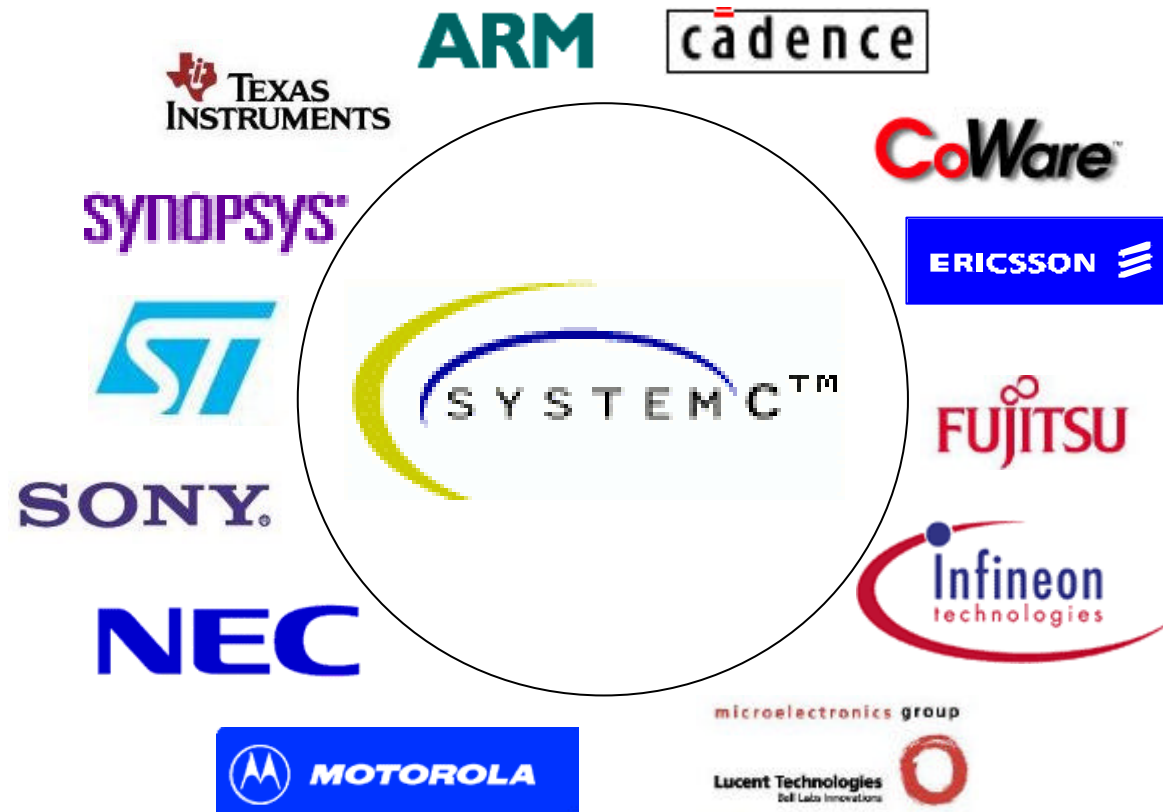
The logo for SystemC, featuring the word "SYSTEMC" in a sans-serif font with a blue arc above it, all contained within a yellow and blue graphic element.

SYSTEMC™

Open SystemC Initiative Delivers !

- **Fast Innovation**
 - SystemC v2.0 Specification
 - ◆ major step in system level modeling
 - ◆ cross industry contributions
 - Cadence, CoWare, Fujitsu, Motorola, STM, Synopsys
 - SystemC v1.2 beta Software
- **Common, Open Industry Solution**
 - OSCI incorporated NOW as non profit organization
 - OSI-compliant Open Source license
- **Broad industry adoption and success !**

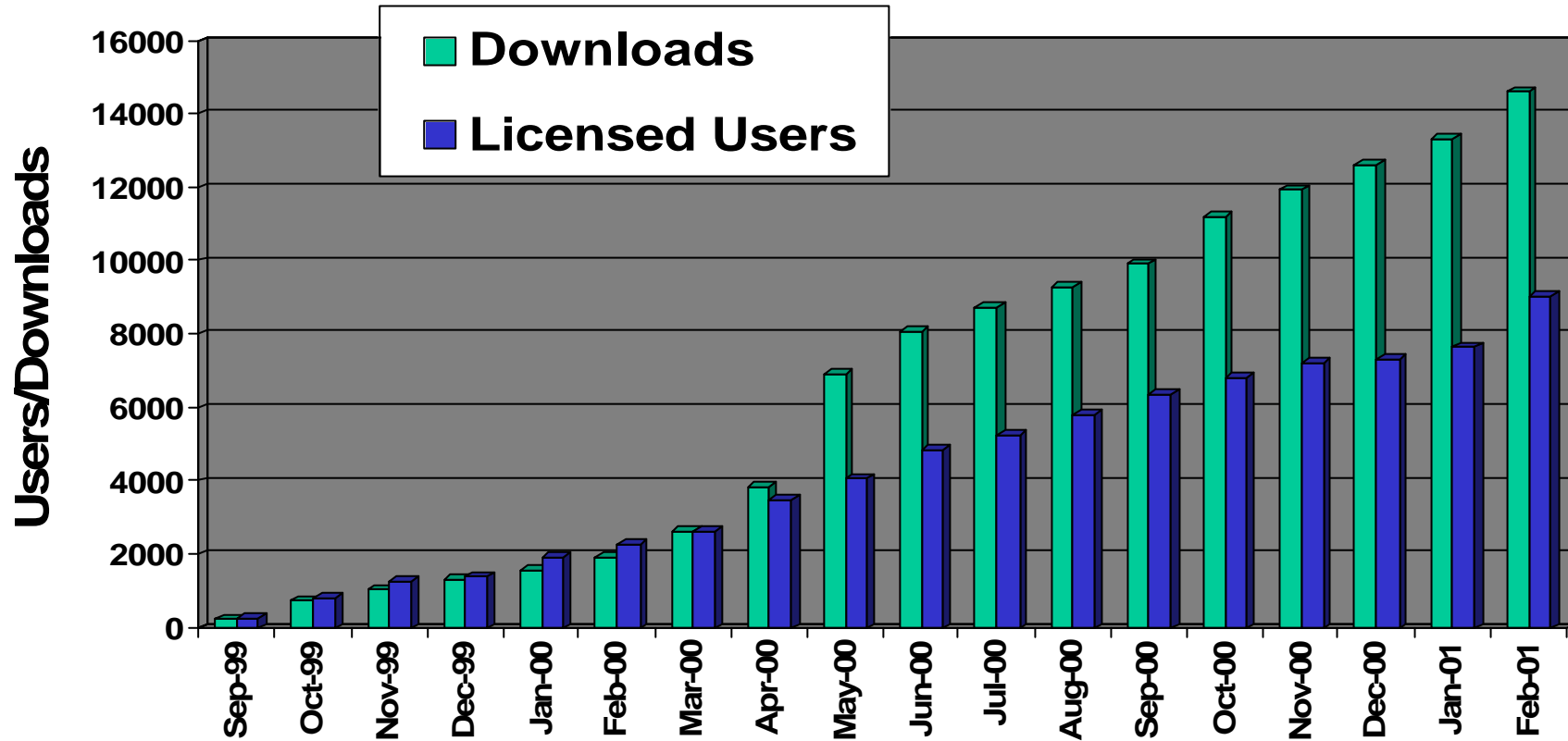
Open SystemC Initiative Steering Group



Strong User Adoption and Success

- Over 7,000 Licensees at over 500 companies/institutions
- Over 12,000 successful downloads of SystemC source code
- SystemC successes presented at numerous venues
 - DATE, FDL, HDL Con, IP/SoC, ASP/DAC, ESP, ...
 - CSELT, Infineon, Siemens, STM, ...
- Commercial projects featured on web based SystemC Forum at www.systemc.org

A year of Strong SystemC Adoption



SystemC Value Chain is Building

- Over 25 SystemC-based EDA, IP and service products announced or released by:



- See <http://www.systemc.org/products.html> for exhaustive list