

Panel Session 2: Producer's Panel

A discussion of:
Progress
Expectations
Barriers
Enablers



Moderator: Steve Csonka, Executive Director, CAAFI

SAJF qualification status

Mark Rumizen

~15
Additional
Processes

Collecting Tier 1 & 2 Data &
Developing Reports

Currently In Phase 1
Review Process

Collecting Tier 3 & 4
Data & Developing
Reports

Chuck Red
(ARA-CLG)

Lana Van Marter
(HARD Addition
Neste/Boeing)

Glen Johnston
(Isobutanol)

Annex A4
FT-SKA

Annex A3
SIP

Jim Andersen

Bruno Miller

IH²
(Shell /
GSR / GTI)

HDCJ
(SkyNRG
et. al)

ATJ-SKA
(Byogy,
Swedish
Biofuels)

SAK
Virent

Tier 1



JFTOT
Specification
Properties

Tier 2



Fit-For-Purpose
Properties

Phase 1
ASTM
Research
Report



Tier 3



Component/Rig
Testing

Tier 4



Engine/APU
Testing

Phase 2
ASTM
Research
Report



ASTM
Specification

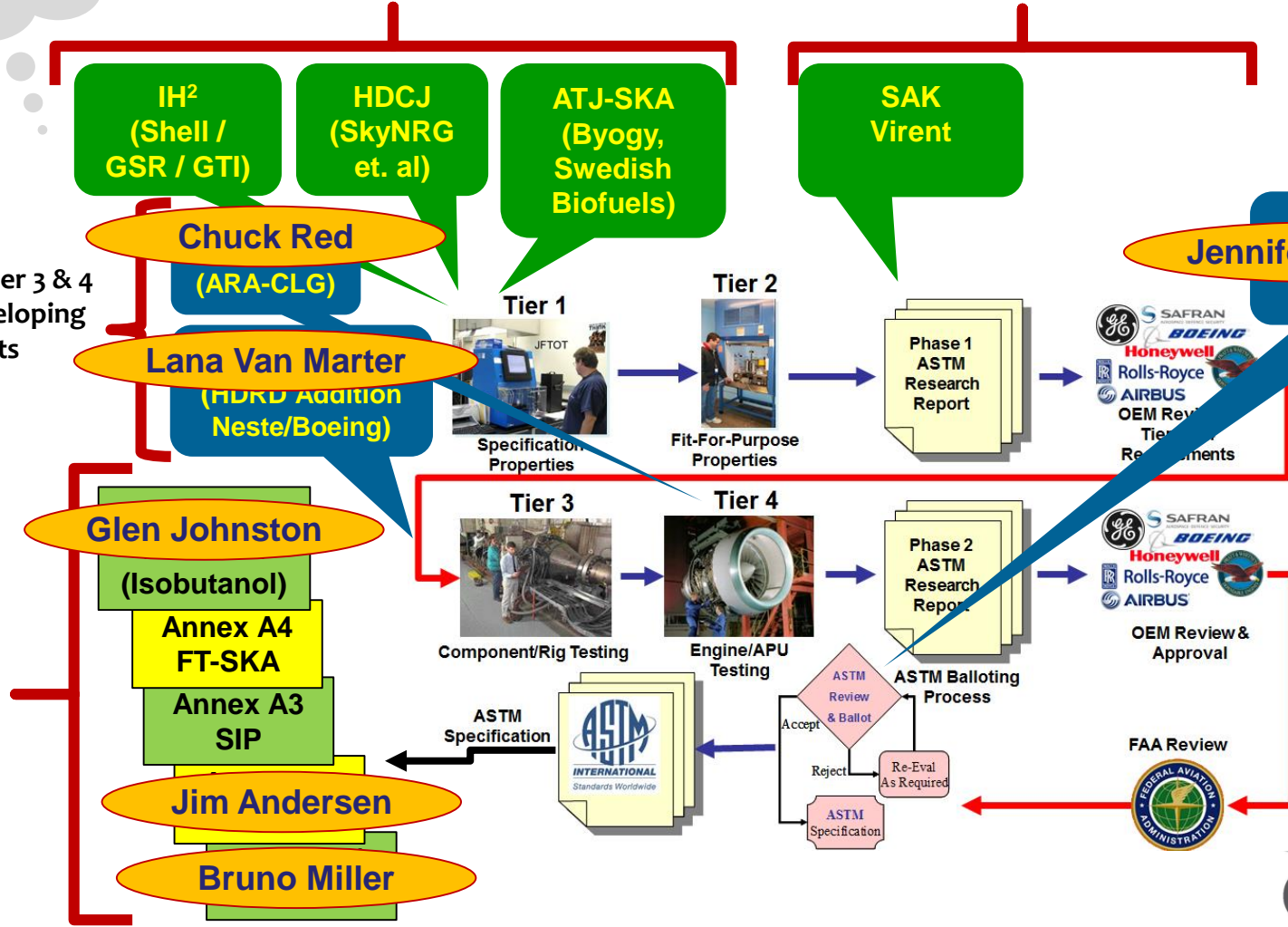


ASTM Balloting
Process

ASTM Review
& Ballot

ASTM
Specification

FAA Review



SAJF supply opportunities

- * Significant number of commercialization efforts underway, more to follow
- * SAJF from initial facilities already committed in many cases, but not all
- * Some producers plan for tranche of facilities
- * Opportunities not just in the U.S.
- * There are opportunities to engage in offtake negotiations for supply from 2019 onward
- * In some cases, the producers need affirmation from airlines that SAJF production is warranted
- * Many opportunities for engagement – here are a few