

**AIJN / EQCS Workshop,
October 14th, 2010 in Brussels**

**Current working programme of the
AIJN Code of Practice Expert Group**

**Martin Greeve
Chairman COP Expert Group**

Content

- **Introduction AIJN COP Reference Guidelines.**
- **Introduction AIJN COP Expert Group**
- **Working procedure Expert Group**
- **Approval procedure within AIJN**
- **Achievements**
- **Current work**
 - **Work on existing guidelines**
 - **Work on new guidelines**
 - **Other items and interpretations under discussion**
- **Future**

Introduction AIJN COP Reference Guideline

- Expert Group started in 1989
- Small Expert Group (5 persons)
- Different standards and different interpretations caused confusion in EU market
- Main objectives:
 - To collect existing fruit juice standards
 - To compare with literature, industry data, etc.
 - To harmonise existing standards in the EU
 - To provide a uniform basis for evaluation accepted by industry and other stake holders
- Reference guidelines for evaluation (no standards)
- Other guidelines

Introduction AIJN COP Reference Guideline

- **AIJN COP Reference guidelines are divided in two parts:**
 - **A part, with absolute min. or max. Values**
 - Here you can find e.g. Brix value, hygiene parameters, heavy metals, and some quality parameters.
 - **B part, which describes the composition of industrially processed and traded products.**
 - Here you can find the main constituents of a juices, such as the natural acids, sugars, minerals, amino acids, etc. And their normal ranges or sometimes as a maximum or minimum.
 - Commentary notes explain wellknown deviations or circumstances given reason for deviations.
 - The interpretations of values found can only be made by expert interpretation

Introduction AIJN COP Expert Group

Core Group

- Chairman Martin Greeve (AIJN)

- Mr Ian Howard UK (Gerber Juice)
- Dr. David Hammond UK (Eurofins Lab.)
- Mr José Lorente Spain (JBT)
- Mrs Delphine Masson France (Coca Cola)
- Dr. Karl Neuhaeuser Germany (Eckes-Granini)
- Dr. Willi Rieth Germany (SGF)
- Mr. Peter Spaargaren Netherlands (Cargill)

Introduction AIJN COP Expert Group

Support group

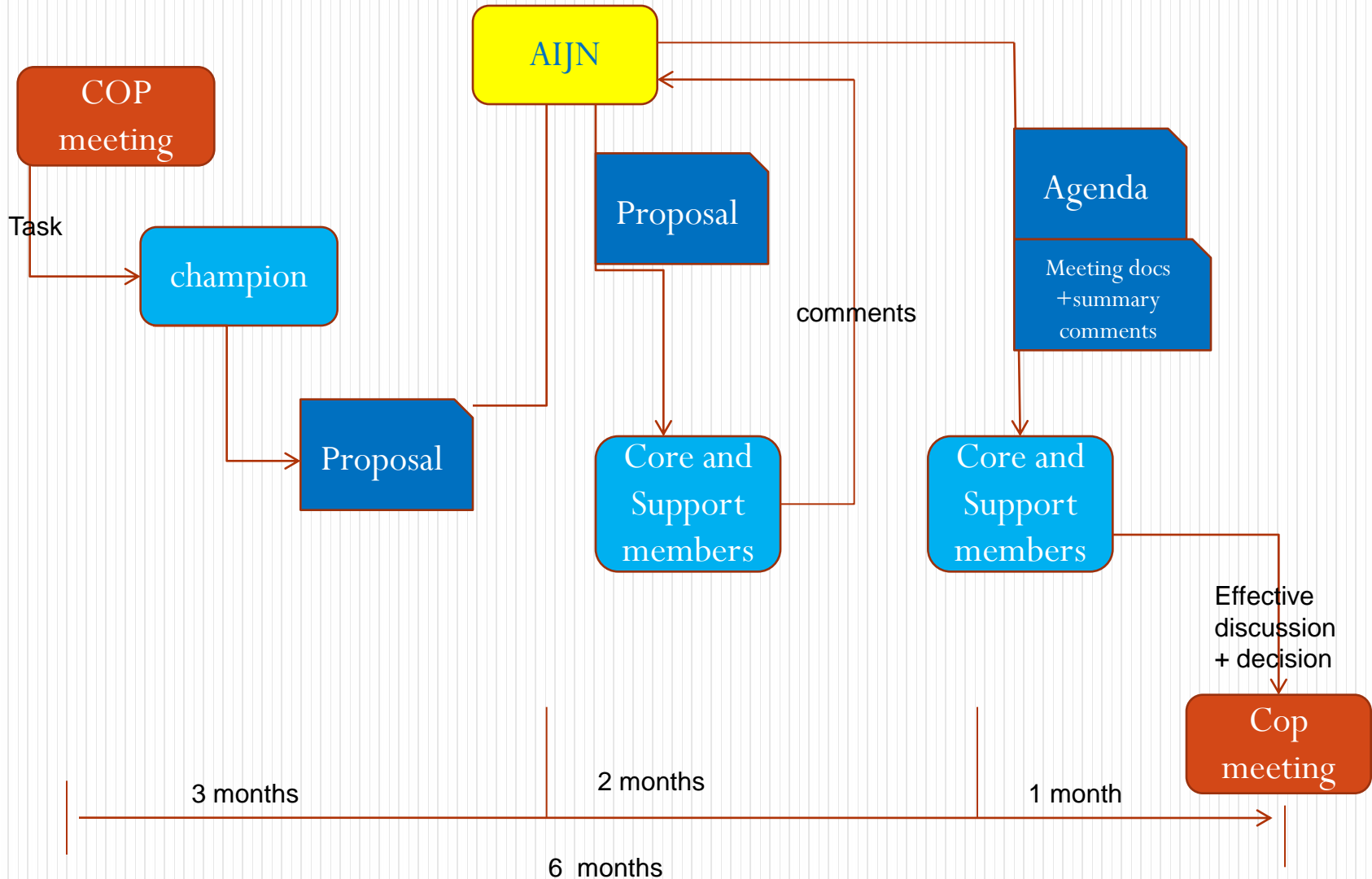
- Steffen Ammon Germany (Döhler)
- Prof. Mehmet Okzan Turkey (Ankara Uni)
- Mr Antonio Concalves Brazil (Louis Dreyfus)
- Prof. Helmut Dietrich Germany (Geisenheim Uni)
- Mr. Hany Farag USA (Dole)
- Dr. Konstantin Eller Russia (Academy of Sciences)
- Mr Jan Paul Koorn Netherlands (Friesland Foods)
- Mr Dana Kruger USA (Kruger Food Labs)
- Dr. Antonio Trifiro Italy (Research Station Parma)

- Open for other experts

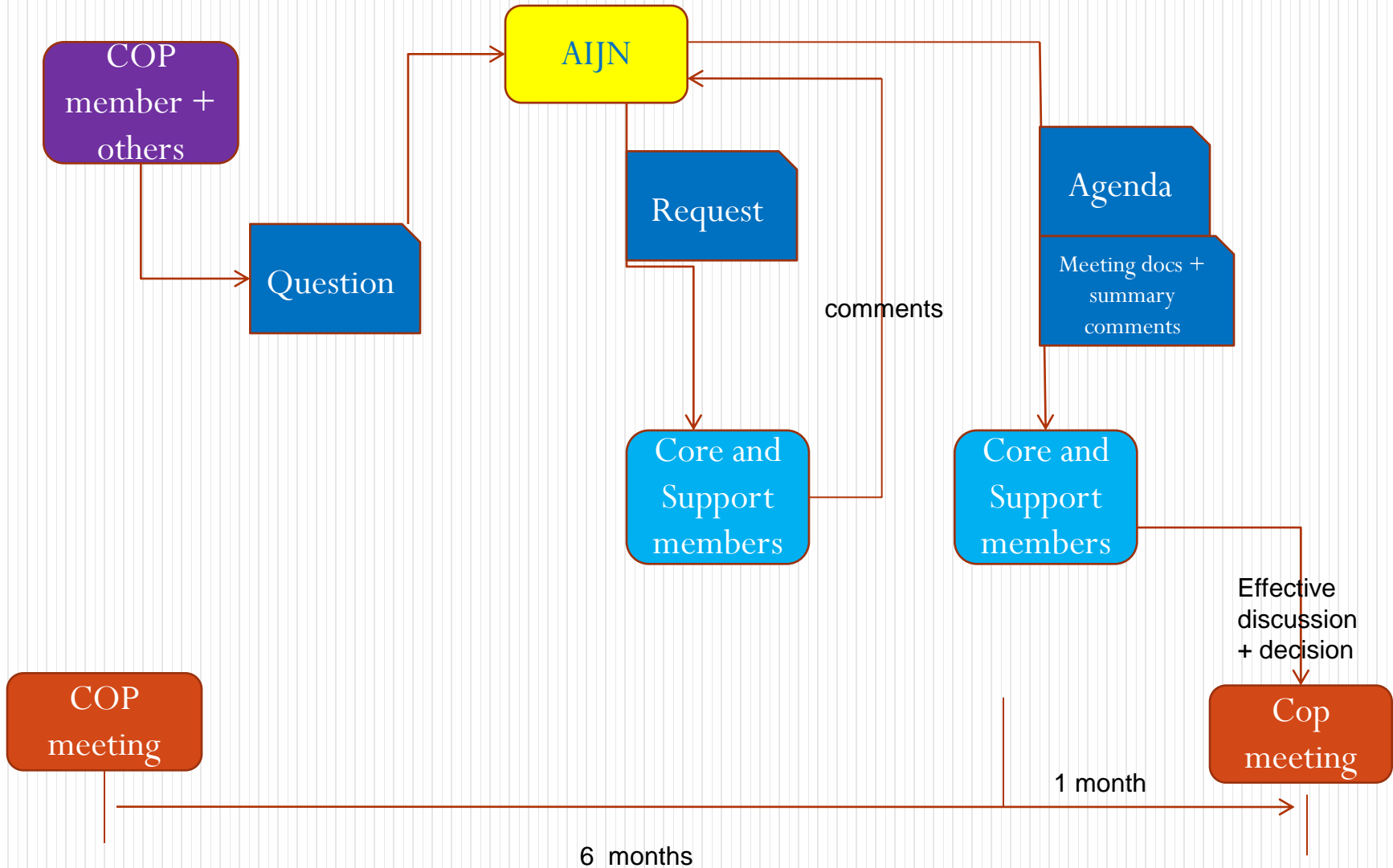
AIJN COP Expert Group September 2010 meeting



Working procedure COP pending items



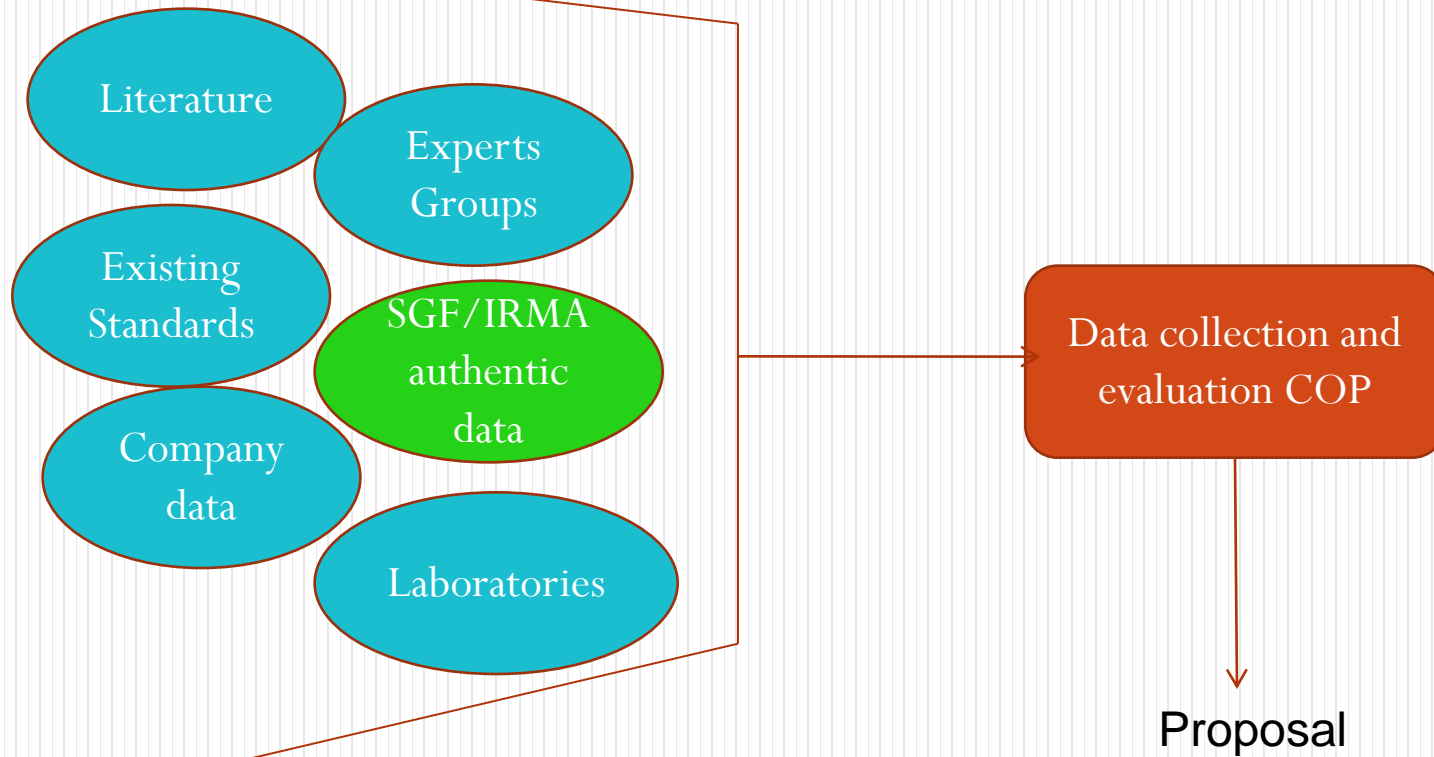
Working procedure COP new items



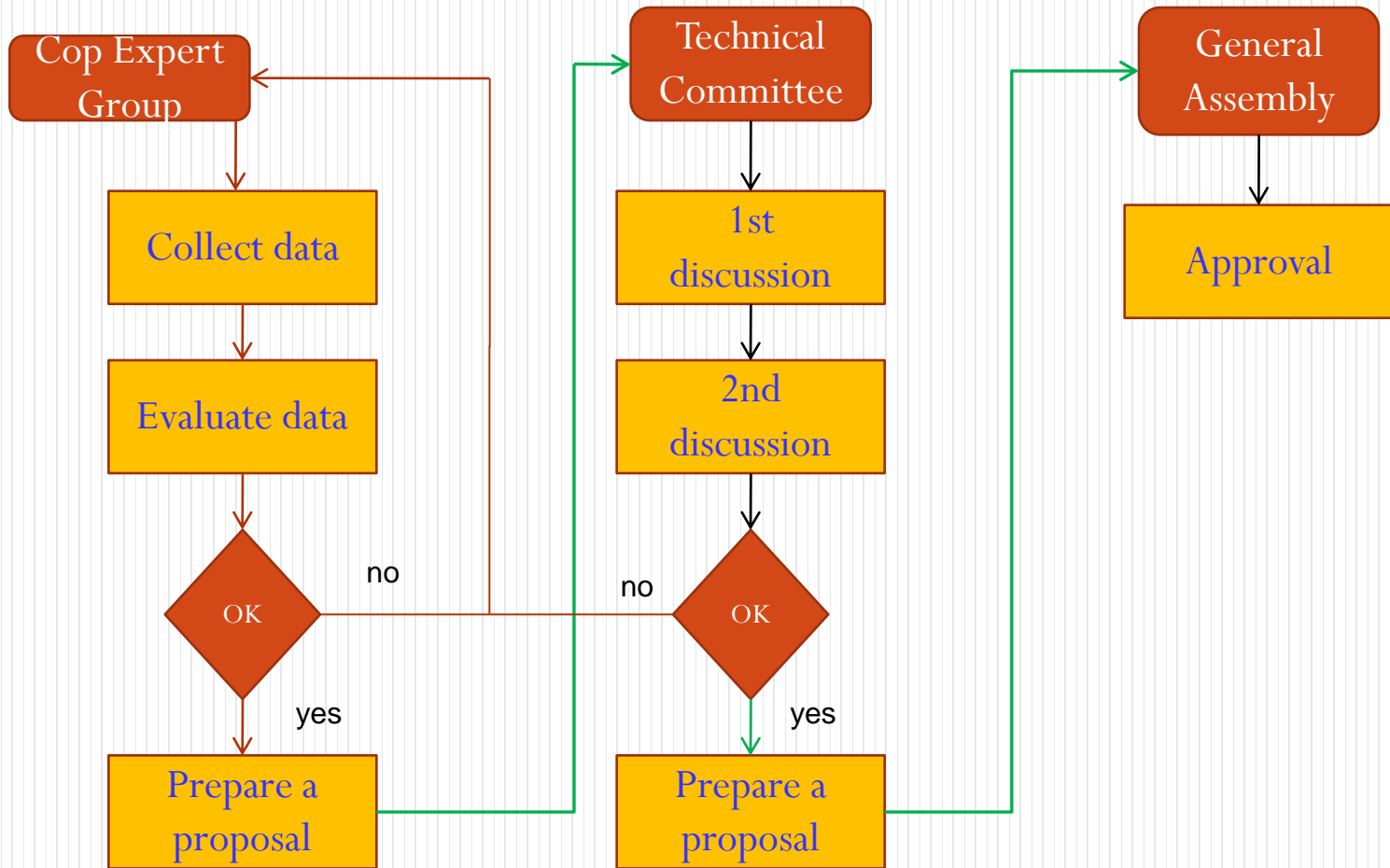
Working procedure COP

Information

Processing



Approval procedure AIJN



2 meetings/year

2 meetings/year

2 meetings/year

Achievements

- First reference guidelines approved and published in 1991
- In the meantime 19 fruit juice and 2 vegetable reference guidelines approved and published.
- Reference guidelines on-line available on AIJN website
- Off-line version available (can be synchronized when on-line)
- AIJN COP reference guidelines are well acknowledged over the world by industry and authorities (translations in Polish and Russian).
- Reference to AIJN Code of Practice in amendment of Council Directive 2001/112/EC + inclusion of Brix values.

Current Work

- AIJN COP evaluates existing guidelines, prepares new ones and considers other items requested by industry and other stakeholders.
- Also literature, press publications and findings of industrial self control are important sources for the COP Experts.
- All activities aim at protecting the fruit juice industry for unfair competition and to avoid reasons for negative publicity.
- Where possible pro-active measures are taken and if relevant the work will result in industrial self-regulation and will be included in the Code of Practice.

Current Work

- In the last meeting of the AIJN COP Working Group in Kasterlee, Belgium the group dealt with:
 - **Work on existing guidelines: 9 issues**
 - **Work on new guidelines: 12**
 - **Work on other items: 10**
- Guidelines can be both reference guidelines as well as other guidelines.
- This work load requires committed COP members with a broad expertise and knowledge.

Current Work

Work on existing guidelines:

- Further gathering data on provisional guideline for pomegranate (Brix, manitol, etc.)
- Evaluation iso-tope values (ad-hoc expert group)
- Carrot juice request from Poland
- Revision existing Aroma guideline
- Sodium content in blackcurrant
- Nitrate levels in tomato and pineapple juice
- Heavy metals in A or B part
- Microbiological guideline
- Brix value of Sloe

Current Work

Work on new guidelines:

- Acai, stopped
- Cranberry, collecting data on American and European cranberry in order to evaluate the feasibility of one reference guideline.
- Investigation short references guidelines for aronia, kiwi, acerola, plum, and prune, gooseberry, litchi, lime
- Guava project, collection of existing data is ongoing.
- Guideline for vegetable juice/nectar

Current Work

Other items and interpretations under discussion:

- Simplified Laboratory Standards
- Definition in-line extraction
- Presence of naringin in orange juice – not natural
- Ergosterol in tomato juice
- Methanol in fruit juices
- Heavy metal data base

Current Work

Other items and interpretations under discussion:

- Juice HACCP guideline, first evaluation of need.
- Analytical fruit content verification – best practice
- Questions on botanical names (NMR and DNA techniques)
- Polyphenol content in fruits

Future

- With the reference to AIJN Code of Practice in the Fruit Juice Directive the AIJN is, even more than in the past, obliged to use the instrument of self regulation in the best possible way.
- An active and committed COP Expert Group is required in a time where limited sources available.
- Adjusted internal working procedures and priority setting will be necessary to manage the work.
- A real challenge for the future.

But

**Challenges
make life
more interesting**

Thank you for your attention