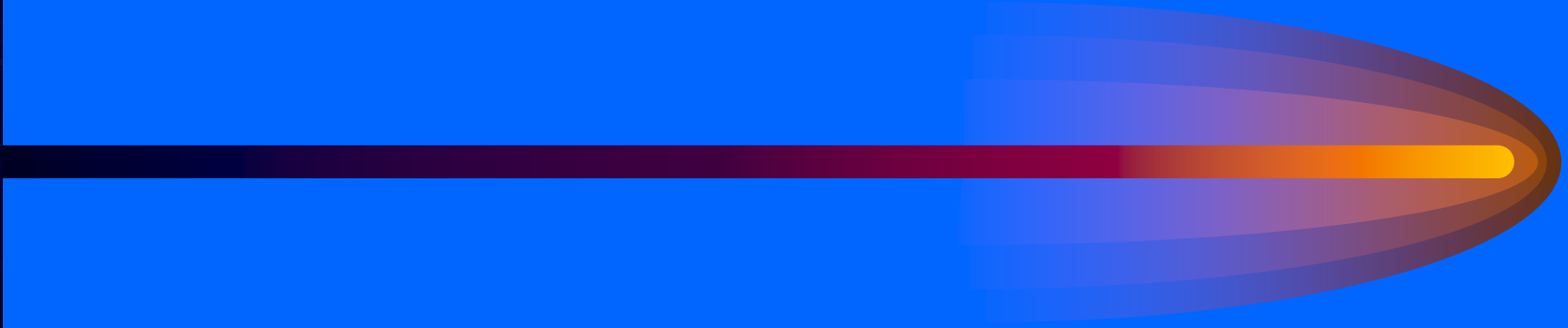




POINT OF VIEW: QUALITY IN LIGHTING EDUCATION

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The professional certification in lighting is a recent action of CNRI (Romanian National Lighting Committee)

THE STRATEGIC ACTOR: ACPART



*The National Agency for the Qualifications
in the Field of Superior Education and
Partnership with the Financial and Social
Environment*



***The National Register of the Superior
Education Qualifications (CNCIS) :
ACPART's mission.***

ACPART objectives:

- *the elaboration, implementation, updating and monitoring of the CNCIS, which will permit a broader acknowledgement of the results of the study, expressed in terms of knowledge, abilities and competences;*
- *the guarantee of the transparency of the CNCIS on a national and international level;*

THE APPLIED UNITS OF COMPETENCE



How competent have I become?



COMPETENCE descriptors

*Actional
Competence*

Research or complex projects

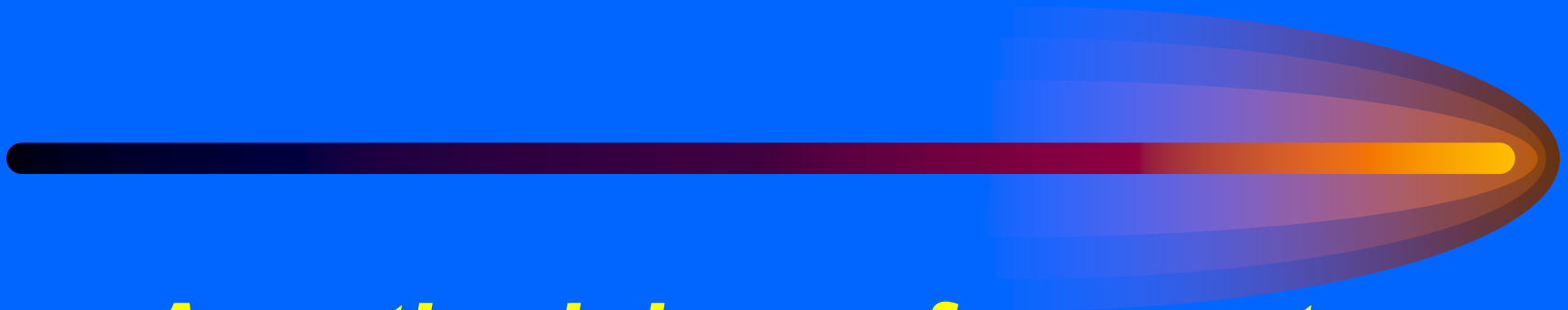
*Critical reflection, quality evaluation, limits of
validation for proceses, programmes, methods, theories*

Problems solving

Interpretation, contextualization, debating

*Learning
Competence*

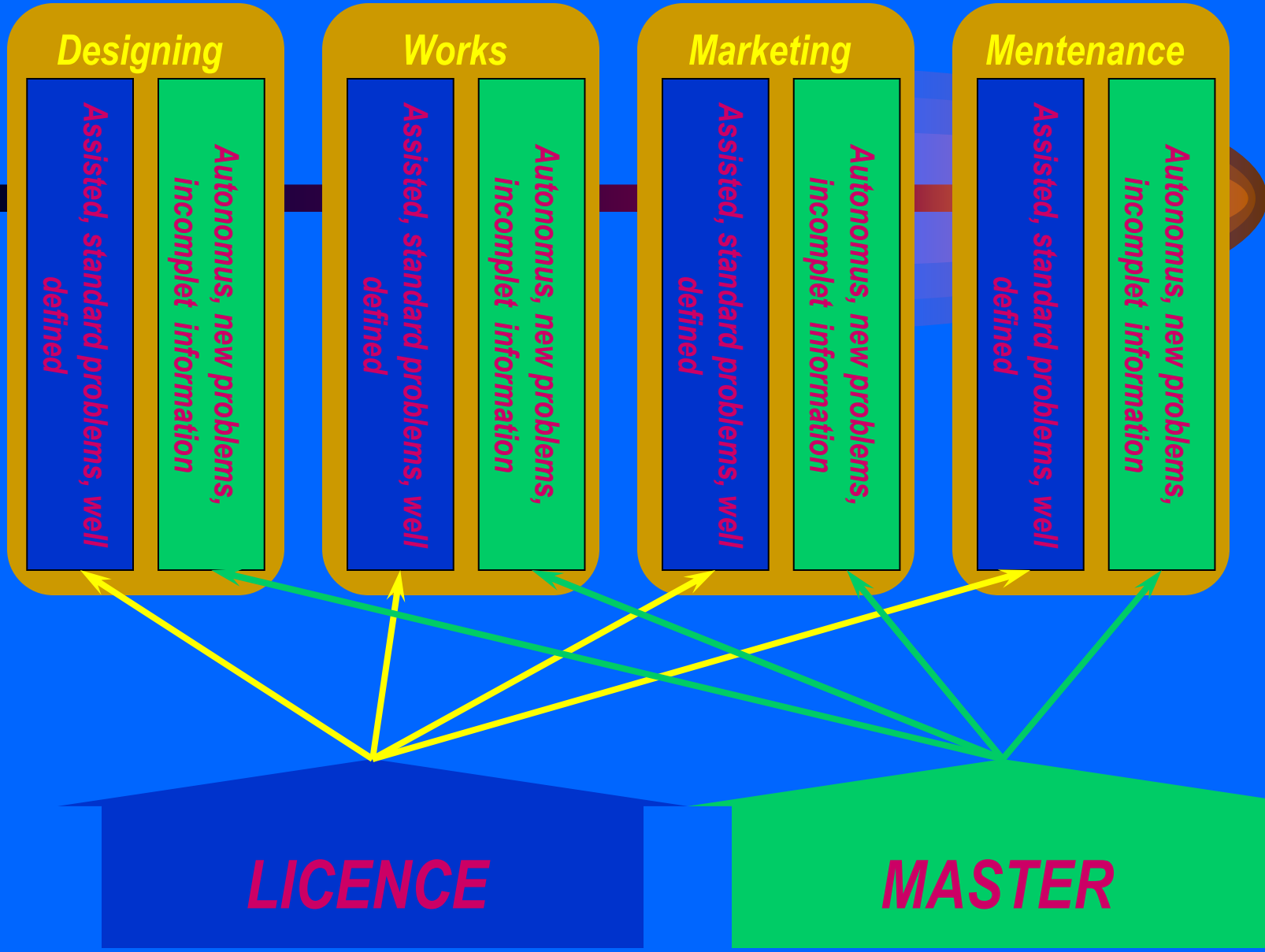
Knowledge of concepts, theories, methods



***A methodology of competences
assessment at the end of each of
the education stages: licence and
master.***



BOLOGNA principles





THE METHODOLOGY

What measure unit shall we use?



THE METHODOLOGY

After the elaboration of specific methods of testing, evidently based on computer technique (simulation, modelling, problems analysis, evaluation tests etc.), will follow the interpretation of the results that will be correlated with the perception of the business environment towards the meanings of competences. The key element will be time, the surveillance of the graduates after their free evolution in the profession



BRIEF HISTORY

OF THE ELECTRIC LIGHTING IN THE UNIVERSITY OF ELECTRICAL ENGINEERING OF IAȘI

Through the efforts of the professor Dragomir Hurmuzescu, the Industrial Electricity School was born in 1910 as part of the University of Iași



BRIEF HISTORY

OF THE ELECTRIC LIGHTING IN THE UNIVERSITY OF ELECTRICAL ENGINEERING OF IAȘI

Undertaking a soviet model, the Electrical Engineering University had in 1951-1955 a single specialization called “The electrification of the industry, agriculture and transportation”



BRIEF HISTORY

OF THE ELECTRIC LIGHTING IN THE UNIVERSITY OF ELECTRICAL ENGINEERING OF IAȘI

The curriculum foresaw in the fourth year of study a course of “Electrical Lighting” that was doubled by a project with the theme “Interior electrical lighting of houses and institutions”.

From 1948, another course kept in the university was the one entitled “Electrical lamps and luminaries”.

The titular was professor Vasile Prisăcaru.



BRIEF HISTORY

OF THE ELECTRIC LIGHTING IN THE UNIVERSITY OF ELECTRICAL ENGINEERING OF IAȘI

We have a good model in The Lighting Engineering Center –LEC, established at Technical University of Cluj by professor Florin Pop and his colleagues .



CONCLUSION

The preparing of the National Registry of the Qualifications in Superior Education is thus in work, necessitating a concentrated and long-time effort , but the lighting competeces are not underlined until now.



CONCLUSION

The measure means knowledge, and the knowledge is only the decrease of the incertitude degree. Unfortunately, the performances observed by educators are so weak in the last years, which the reaction of the educators may be one of to reject of this real evaluation necessity.



CONCLUSION

For the lighting education, we demonstrate that the problems are more difficult, because we need to find and to defend a place which is indefinite, but also is assumed arbitrarily.

