



# The “Jubilee guy”

The Professional Framework

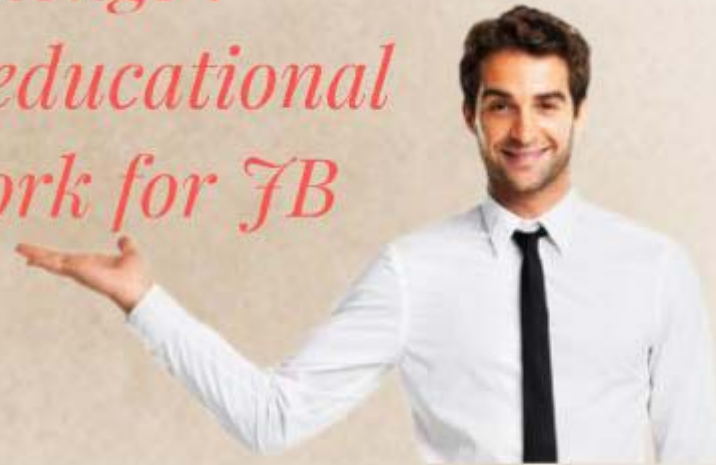


**It's all about a man  
and his tree...**



## WP 3 : Professional Framework

*Challenge :  
make an educational  
framework for JB*





*how can we put it  
in a European  
context?*

*what do we do  
with the basic  
competences?*

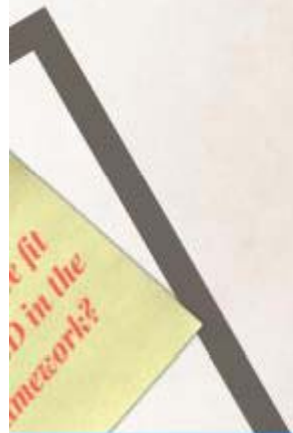
*where do we fit  
the EPBD in the  
framework?*

*how can we make  
it easily  
adaptable?*



*how can we make  
it expandable?*

**What could  
be the basis  
for the  
framework?**



*Could we use the system of an  
encyclopedia?*

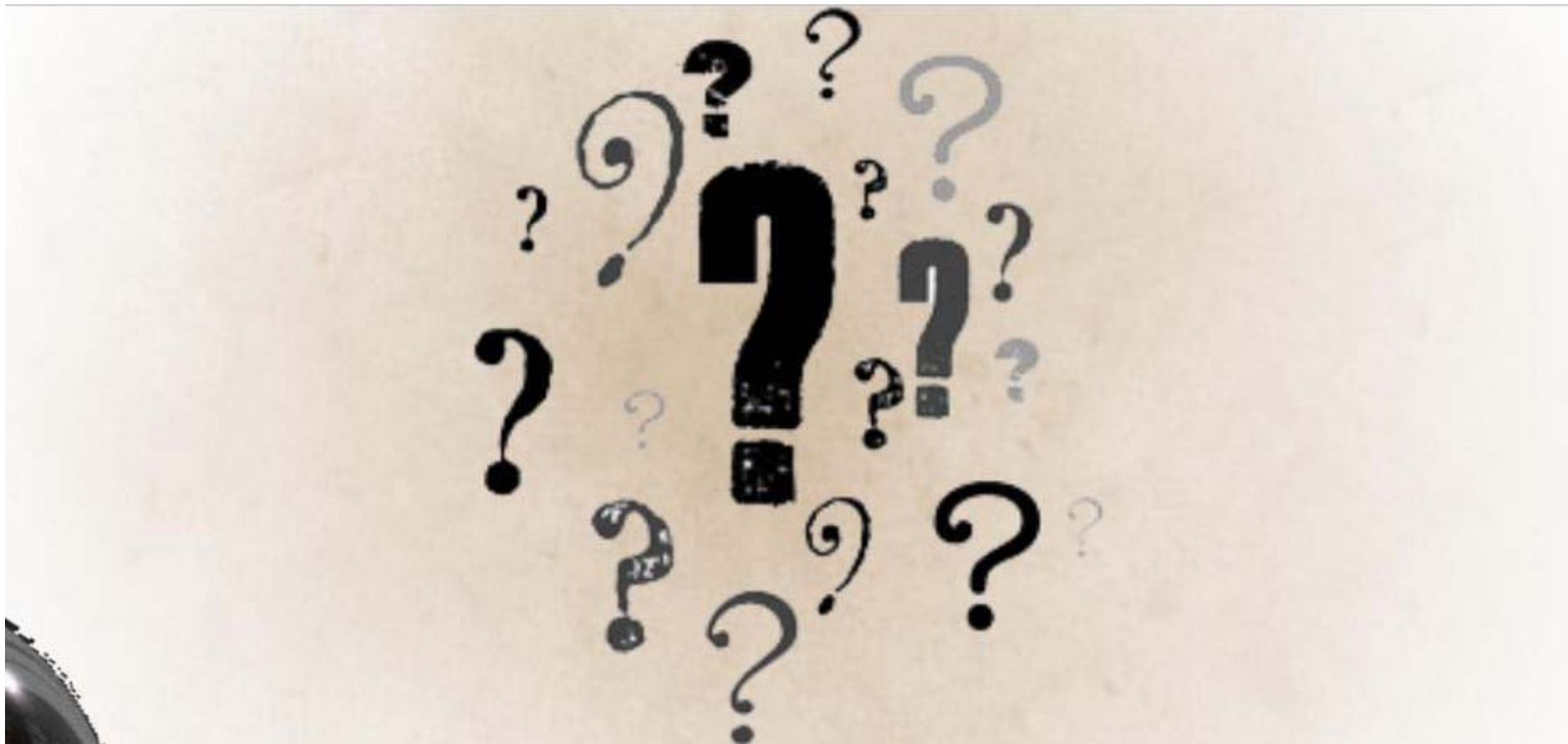




*Can we look at as a train with rail carts?*



*Is the Rubik-cube a solution?*







*Treeching!*





**It's all about a man  
and his tree...**





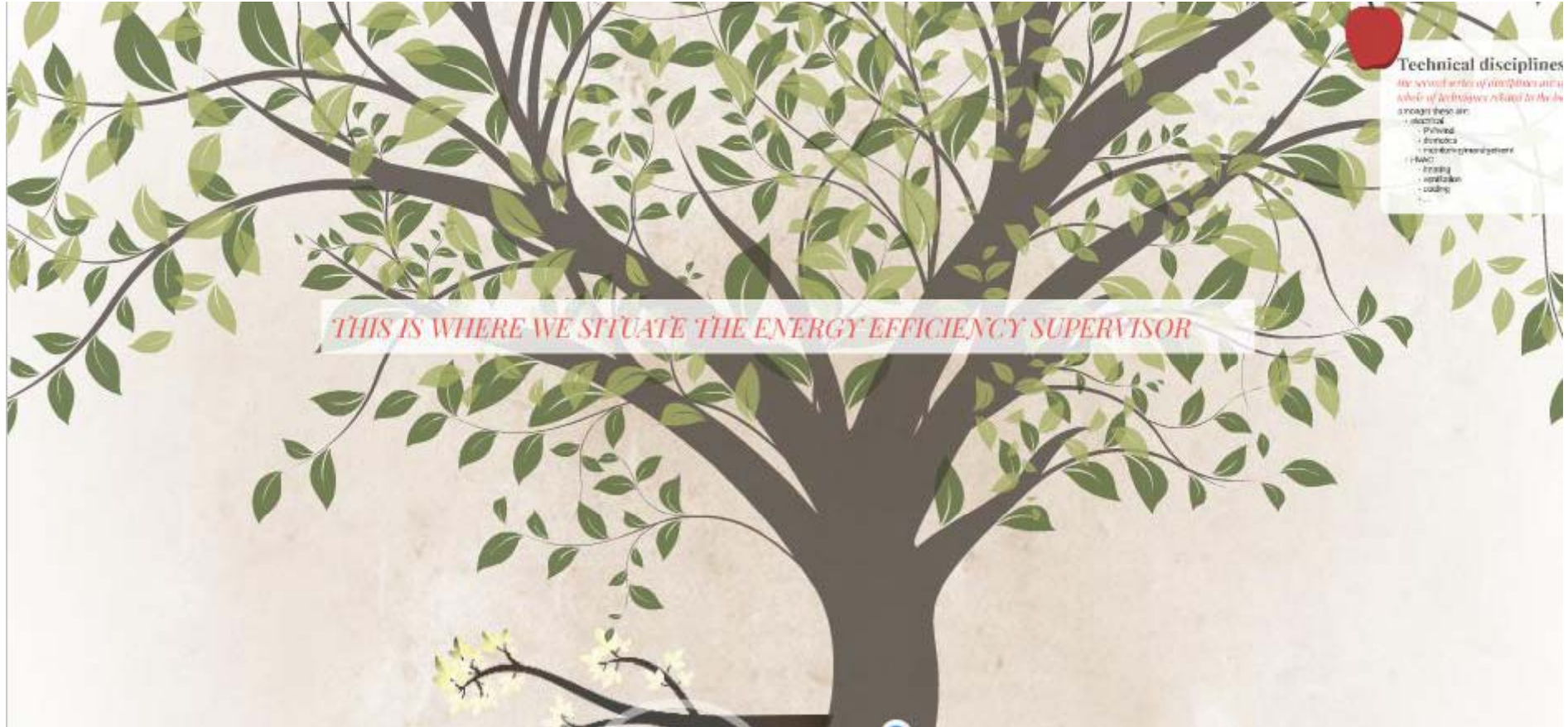
### Technical disciplines

*the set of series of disciplines and a  
set of techniques related to the*

through these are:

- electrical
- chemical
- mechanical
- mechanical engineering
- civil
- building
- metallurgy
- cooking





*THIS IS WHERE WE SITUATE THE ENERGY EFFICIENCY SUPERVISOR*

**Technical disciplines**

*the second series of disciplines and a*

*whole of techniques related to the job*

through these are:

- electrical
- physical
- chemical
- mechanical
- HVAC
- training
- ventilation
- cooling
- ...



*Below the roots, as a fertile soil, the basic education is needed.*

*This is, amongst others :  
maths, physics, chemistry,  
reading & writing....*



# Root = Basis

*the disciplines that form the  
basis for the necessary skills  
can be put in the roots.*

*JB cannot start without this*



## Examples :

- *building physics*
- *applied thermodynamics*
- *applied hydraulics*
- *materials science*
- *reading of plans*

# Visualization :

*we can visualize this, by using the letter 'R' as the first letter in the indexing system.*

- *R1 : building physics*
  - *R1.1 : heath*
  - *R1.2 : humidity*

## Interconnecting roots

*At some points we have roots that intersect. this can be the case when knowledge of two different disciplines collide.*

*This can be a brief intersection, from where they each go a separate way.*

*Or this can be the beginning of a new root canal*

*In the index, we can mark these points with for example R8.5.4/17.2.4 for a brief intersection or give a new index R25(8.5.4/17.2.4) when we're talking about a new root canal*





## Low hanging branches

*Some disciplines aren't  
directly connected to or  
leading to the required  
technical knowledge of JB.  
Even though they are  
necessary to get the job done*

D



## HR & Softskills

*Low hanging branches are related to soft skills and human resources, such as:*

- *LB1 Time management*
- *LB2 Site-management*
- *LB3 Project planning*
- *LB4 ...*

The logo for the European Union Energy Performance of Buildings Directive (EPBD). It features a dark grey, rounded rectangular background with a light beige, textured border on the left and right sides. The letters 'EPBD' are centered in a bold, white, sans-serif font.

**EPBD**



## Building-related disciplines

*one of the three main branches in our tree is covering all disciplines related to the building itself*

amongst these are:

- disciplines related to the building geometry
- disciplines related to the building materials
- disciplines related to the building construction
- disciplines related to the building envelope



## Technical disciplines

*the second series of disciplines are related to the whole of techniques related to the building*

amongst these are:

- electrical
  - PV/wind
  - domotics
  - monitoring/management
- HVAC
  - heating
  - ventilation
  - cooling
  - ...



## Interconnecting branches

*similar to what we have seen with the root system, we also have crossings or interconnecting branches.*

*Here as well they can briefly connect or be the start of a new branch.*



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